

Tapestri® Single-Cell DNA + RNA + Protein Sequencing

IMPORTANT

- Ensure instrument is using the current firmware.
- Vortex all reagents unless directed otherwise.
- Thaw -20 °C reagents on ice.
- Do not use the Lysis Mix or Cell Buffer provided in the Tapestri Single-Cell DNA Core Kit.
- Avoid sources of static and pipette slowly and carefully when handling emulsions.
- Provide debris-free cell suspension with > 80% viability.
- Starting cell concentration is ~25,000 cells/μL.
- Final cell concentration is ~4,500 cells/μL.
- Always use a PCR skirt.
- Equilibrate Encapsulation Oil at RT for 30 minutes prior to use.
- RNaseZAP all work areas and pipettes; change gloves as needed.

Stain Cells with Antibody Panel

IMPORTANT

See full protocol if using custom antibodies.

RECONSTITUTE LYOPHILIZED ANTIBODY PANEL

1. Equilibrate lyophilized heme panel (BioLegend) at room temperature for **5 minutes**.
2. Spin down at **10,000 x g for 30 seconds** at room temperature.
3. Resuspend lyophilized panel in **60 μL of Cell Staining Buffer (CSB)**. Vortex for **10 seconds**.
4. Incubate for **5 minutes at room temperature**.
5. Vortex for **10 seconds** and spin down at **10,000 x g for 30 seconds** at room temperature.
6. Transfer entire **60 μL** to a 1.5 mL Protein LoBind Eppendorf tube.
7. Centrifuge at **14,000 x g for 15 minutes at 4 °C**. In the meantime, proceed to the next step.

BLOCK CELLS

8. Using CSB, dilute cells to **25,000 cells/μL** in a total volume of **40 μL**.
9. In a 15 mL DNA LoBind conical tube, add the following reagents:

Reagent	Volume (μL)
Cell Suspension (25,000 cells/μL)	40
Blocking Buffer (●)	5
Human TruStain FcX™	5
Total Volume	50

10. Mix by pipetting up and down with a 200 μL wide bore tip and **incubate on ice for 15 minutes**.

STAIN CELLS

11. Using a P-200 pipette, add **50 μL** of the resuspended panel (**Step 7**) to the blocked cell suspension for a total volume of **100 μL**.

IMPORTANT

Avoid touching the bottom or sides of the tube with the pipette tip to avoid pelleted protein aggregates.

12. Mix by pipetting up and down with a 200 μL wide bore tip and **incubate on ice for 30 minutes**.

WASH CELLS

13. Add **14 mL of pre-chilled CSB** to the cell staining solution.
14. Centrifuge at **400 x g for 10 minutes at 4 °C** in a swinging bucket.
15. Carefully remove **13.5 mL** of supernatant using a serological pipette. Leave **500 μL** of supernatant behind. *Do not disturb the pellet.*
16. Repeat **Steps 13 - 15** twice for two additional washes, centrifuging for **5 minutes** instead of 10 minutes. On the final wash, leave **1 mL of supernatant** instead of 500 μL.

17. Remove **900 μL** of supernatant using a P-1000 pipette, leaving **100 μL**.
18. Add **900 μL of CSB** to the cell pellet. Gently resuspend by pipetting up and down with a 1000 μL wide bore tip.
19. **OPTIONAL:** Filter the cells with a **40 μm Flowmi cell strainer** and transfer to a 1.5 mL DNA LoBind Eppendorf tube.
20. Centrifuge at **400 x g for 5 minutes at 4 °C**.
21. Carefully remove all supernatant. *Do not disturb the pellet.*
22. Resuspend the pellet in **50 μL of CSB** by pipetting up and down.
23. If necessary, use CSB to dilute cells to **4,000 - 4,500 cells/μL** in a volume of at least 35 μL.

Encapsulate Cells

1. In a 0.2 mL PCR tube, preheat **7 μL of the RNA Reverse Primer Pool** to **70 °C for 5 minutes**, then store on ice for at least 10 minutes.
2. Preheat the thermocycler with the **Lysis/RT protocol** (hold at 50 °C).
3. Mount the Base Plate onto the Tapestri Instrument.
4. Place a 0.2 mL emulsion-safe PCR tube into the middle of the slot at the left side of the Base Plate.
5. Place the DNA Cartridge onto the Base Plate.
6. In a new tube, prepare **RNA Mix** as follows:

Reagent	Volume (μL)
RNA Enzyme Buffer (●)	12
RNA Reagent 1 (●)	3
RNA Reagent 2 (●)	5.4
RNA Reagent 3 (●)	3
RNA Reagent 4 (○)	3
Nuclease-free water	23.3
Total Volume	49.7

7. Add **6 μL of the preheated RNA Reverse Primer Pool** (from **Step 1**) to the **RNA Mix** (total volume is 55.7 μL).
8. In a 0.2 mL PCR tube, combine **2 μL RNA Lysis Mix (●)** with **18 μL nuclease-free water**. Gently mix by pipetting up and down 5 times. *Do not vortex*. Store on ice.
9. Pipette **35 μL of Cell Suspension (4,500 cells/μL)** into **reservoir 2**.
10. Pipette **200 μL of Encapsulation Oil** into **reservoir 3**.
11. Add **3 μL of RNA Enzyme (●)** to the **RNA Mix** (total volume is 58.7 μL). Gently mix by pipetting up and down 5 times. *Do not vortex*.

**IMPORTANT**

Add the diluted RNA Lysis Mix to the RNA Mix immediately before loading the cartridge.

12. Add **1.3 μL of the diluted RNA Lysis Mix** (from **Step 8**) to the **RNA Mix** (total volume is 60 μL). Gently mix by pipetting up and down 5 times.
13. Pipette **55 μL of RNA Mix + RNA Lysis Mix** into **reservoir 1**.
14. Apply **DNA Gasket** on top of the cartridge and close the instrument lid.
15. Run the Cell Encapsulation program by pressing **Step 1: Encapsulation** on the Tapestri Instrument touch screen.
16. Once the program completes, press **DONE** and remove the cartridge and collection tube from the Base Plate.
17. Use a **gel loading tip** to carefully **remove excess oil from the bottom layer** of the tube, leaving a total of **100 μL** of emulsion + oil (approximately the middle point of the tube as it narrows to the conical base). *Proceed to the next step.*

Lyse Cells and Reverse Transcribe RNA

- Immediately place the sample tube into the preheated thermocycler and **resume the Lysis/RT protocol**.

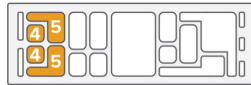
Step	Temperature	Time
1	50 °C	120 min
2	80 °C	10 min
3	4 °C	HOLD

- Once complete, store the cell encapsulation sample at **4 °C** until required in the next step.

Barcode Cells

PRIME THE DNA CARTRIDGE (20-50 MINS BEFORE BARCODING)

- Place eight emulsion-safe PCR tubes into the eight slots at the bottom of the Base Plate.
- Mount the DNA Cartridge back onto the Base Plate.
- Pipette **200 µL** of **Electrode Solution** into each **reservoir 4** and **500 µL** of **Electrode Solution** into each **reservoir 5**.
- Apply DNA Gasket** on top of the cartridge and close the instrument lid.
- Run the Priming program by pressing **Step 2: Barcoding** on the Tapestry Instrument touch screen.
- In the meantime, place the **Barcoding Oil** and **Barcoding Beads (●)** at **room temperature** (protect **Barcoding Beads** from light) and prepare **300 µL Barcode Mix**:



Reagent	Volume (µL)
Barcoding Mix	289.9
DNA Forward Primer Pool (○)	2.5
DNA Reverse Primer Pool (●)	3.1
RNA Forward Primer Pool (○)	2.5
Antibody Tag Primer (●)	2
Total Volume	300

- Briefly vortex the Barcode Mix, quick-spin to collect the contents, and store on ice.

LOAD THE DNA CARTRIDGE

- Quick-spin **Barcoding Beads (●)** to collect the contents. Take **67 µL** of the prepared Barcode Mix and add it to the Barcoding Beads tube.
- Retrieve the cell encapsulation sample from the thermocycler.
- Slowly pipette the entire **cell encapsulation sample (~100 µL)**, including any oil at the bottom, into **reservoir 6**.
- Vortex **Barcoding Beads (●)** at full speed for **1 minute**.
- Pipette **250 µL** of **Barcoding Beads (●)** into **reservoir 7**.
- Pipette **200 µL** of **Barcode Mix** into **reservoir 8**.
- Pipette **1.25 mL** of **Barcoding Oil** into **reservoir 9**.
- Apply DNA Gasket** on top of the cartridge and close the instrument lid.
- Run the Barcoding program by pressing **NEXT** on the Tapestry Instrument touch screen.
- Once the program completes, press **DONE** and remove the Base Plate together with the cartridge and the eight collection tubes.
- Remove the DNA Cartridge from the Base Plate.
- Use a **gel loading tip** to carefully **remove excess oil from the bottom layer** of all eight tubes, leaving a total of **100 µL** of emulsion + oil (approximately the middle point of the tube as it narrows to the conical base) per tube.



Targeted PCR Amplification

- Transfer the sample tubes to the thermocycler, and run the Targeted PCR protocol:

Amplicon Number			20-100	101-200	201-300	>300		
Step	Ramp	Temp.	Time	Time	Time	Time	Cycle	
1	4 °C/s	98 °C	6 min	6 min	6 min	6 min	11	
2	1 °C/s	95 °C	30 sec	30 sec	30 sec	30 sec		
3		72 °C	10 sec	10 sec	10 sec	10 sec		
4		61 °C	3 min	4.5 min	6 min	9 min		
5	1 °C/s	72 °C	20 sec	20 sec	20 sec	20 sec	13	
6		95 °C	30 sec	30 sec	30 sec	30 sec		
7		72 °C	10 sec	10 sec	10 sec	10 sec		
8		48 °C	3 min	4.5 min	6 min	9 min		
9	4 °C/s	72 °C	20 sec	20 sec	20 sec	20 sec		
10		72 °C	2 min	2 min	2 min	2 min		
11		4 °C	HOLD	HOLD	HOLD	HOLD		

IMPORTANT Make sure to set up two separate cycle programs (11 and 13 cycles), each with a ramp rate of 1 °C/s.

BREAK EMULSIONS

- Add **10 µL** of **Extraction Agent (●)** to each tube. Briefly vortex, then spin down for **20 seconds**.
- Add **45 µL** of **nuclease-free water** to each tube. Briefly vortex, then spin down for **10 seconds**.
- Pipette the total volume of the **aqueous top layer from each tube** into one new 1.5 mL DNA LoBind Eppendorf tube. Spin down at **3,000 x g** for **5 minutes** at room temperature.
- Pipette **336 µL** of the **aqueous top layer** into a new 1.5 mL DNA LoBind Eppendorf tube. *Do not transfer any oil or Barcoding Beads. If needed, add nuclease-free water to achieve a total volume of 336 µL.*
- Proceed to the next step or store at -20 °C.

Digest PCR Product

- Add **40 µL DNA Clean Up Buffer (●)** and **24 µL DNA Clean Up Enzyme (●)** to the sample tube for a total of 400 µL.
- Briefly vortex and spin down the tube.
- Transfer tube to a thermo mixer or heat block and incubate at **37 °C** for **60 minutes**.
- Store at room temperature and continue to the next step.

Clean Up PCR Product

PROTEIN LIBRARY SEPARATION & AMPURE XP PURIFICATION

NOTE Equilibrate AMPure XP reagent to room temperature. Prepare 15 mL fresh 80% ethanol using nuclease-free water.

- Spin down sample tube for **20 seconds**. If a pellet is visible, transfer **clear aqueous solution to a new tube**, being careful not to disturb the pellet. Add **nuclease-free water** to achieve a **total volume of 400 µL**. *Discard the remaining tube containing the pellet.*
- Thoroughly **vortex AMPure XP reagent for 45 seconds** at high speed immediately prior to usage.
- Add **280 µL (0.70X)** of **AMPure XP reagent** to the tube. **Vortex for 5 seconds** and quick-spin to collect the contents.
- Incubate the tube at **room temperature for 5 minutes**.
- Place the tube onto the magnet and wait **5 minutes** for the beads to separate from the solution.

IMPORTANT Do not discard the supernatant from the tube as it contains the protein library.

6. Without removing the tube from the magnet, transfer the supernatant (~680 µL) to a new 1.5 mL DNA LoBind Eppendorf tube and set aside at room temperature for **Protein Library Cleanup I**.
7. Proceed with **AMPure XP Purification & Gel Extraction** followed by **Protein Library Cleanup I**.
8. Carefully add **1 mL** of the freshly prepared **80% ethanol**; wait **30 seconds**. With the tube on the magnet, remove the ethanol without disturbing the AMPure XP beads and discard.
9. Repeat **Step 8** once, for a total of two washes.
10. Keeping the tube on the magnet, remove all residual ethanol from the tube without disturbing the beads.
11. Dry AMPure XP beads in the tube on the magnet by incubating at **room temperature for 5 minutes**. *Avoid overdrying the beads.*
12. Remove the tube from the magnet. Add **70 µL** of nuclease-free water into the tube. Vortex and quick-spin to collect the contents.
13. Incubate the tube at **room temperature for 2 minutes**.
14. Place the tube onto the magnet and wait for at least **2 minutes**, or until the solution is clear.
15. Transfer **65 µL of purified PCR product** to a new 0.2 mL PCR tube.

GEL EXTRACTION

NOTE Equilibrate Qubit dsDNA Quantification reagents to room temperature. Thaw DNA sizing ladder and store on ice.

1. Follow Qubit protocol using 1-2 µL of the purified PCR product to verify DNA yield. If the **concentration is > 7 ng/µL**, add **20 µL of nuclease-free water to the sample tube**.
2. Load the first and last wells of a **2% Agarose E-Gel (SYBR™ Gold II DNA Stain)** with **20 µL of DNA sizing ladder**.
3. Load **20 µL of the purified PCR product** into three wells if no dilution was performed in **Step 1**, and four wells if dilution was performed. *If running multiple samples, leave an empty well between samples.*
4. Add 20 µL of nuclease-free water to any empty wells.
5. Run the program for 1-2% E-Gel for **15 min** until the bands of the ladder between 200 and 500 bp are well separated.
6. **Visualize bands and mark squares** on the back of the gel cassette **between 250-450 bp**. Capture a picture of the gel and export via USB.
7. Weigh a 1.5 mL DNA LoBind Eppendorf tube and record the weight. *If the sample was run in four wells of the gel, two 1.5 mL tubes will be needed; record the weight of each tube.*
8. **Excise gel fragments between 250-450 bp** using a scalpel and transfer them to the **1.5 mL tube**. *If using two 1.5 mL tubes, divide the gel fragments between the two tubes.*
9. Capture a picture of the gel post-excision and export via USB.
10. **Recover DNA using the Zymoclean Gel DNA Recovery Kit** according to the manufacturer's instructions. Elute in **110 µL of DNA Elution buffer**.
11. Transfer **100 µL of the eluted product** to a new 1.5 mL DNA LoBind Eppendorf tube and add **400 µL of nuclease-free water**.
12. Add **460 µL (0.92X) of AMPure XP reagent** to the tube. **Vortex for 5 seconds** and quick-spin to collect the contents.
13. Incubate the tube at **room temperature for 5 minutes**.
14. Place the tube onto the magnet and wait **5 minutes** for the beads to separate from the solution.
15. Without removing the tube from the magnet, remove the supernatant and discard.
16. Carefully add **1 mL** of the freshly prepared **80% ethanol**; wait **30 seconds**. With the tube on the magnet, remove the ethanol without disturbing the AMPure XP beads and discard.
17. Repeat **Step 16** once, for a total of two washes.
18. Keeping the tube on the magnet, remove all residual ethanol from the tube without disturbing the beads.

19. Dry AMPure XP beads in the tube on the magnet by incubating at **room temperature for 5 minutes**. *Avoid overdrying the beads.*
20. Remove the tube from the magnet. Add **55 µL** of nuclease-free water into the tube. Vortex and quick-spin to collect the contents.
21. Incubate the tube at **room temperature for 2 minutes**.
22. Place the tube onto the magnet and wait for at least **2 minutes**, or until the solution is clear.
23. Transfer **50 µL of purified PCR product** to a new 0.2 mL PCR tube.
24. Store the purified PCR product on ice and proceed to the next step, or store at -20 °C long term.

PROTEIN LIBRARY CLEANUP I

PREPARE STREPTAVIDIN BEADS

1. Thoroughly vortex Streptavidin Beads at high speed immediately prior to usage.
2. Transfer **100 µL of Streptavidin Beads** to a new 1.5 mL DNA LoBind Eppendorf tube.
3. Place the tube onto the magnet and wait **2 minutes** for the beads to separate from the solution.
4. Without removing the tube from the magnet, remove the supernatant and discard.
5. Carefully add **1 mL of 2X Wash Buffer**; wait **1 minute**. With the tube on the magnet, remove the 2X Wash Buffer without disturbing the Streptavidin Beads and discard.
6. Repeat **Step 5** once for a total of two washes.
7. Resuspend the beads in **690 µL of 2X Wash Buffer** and set aside until **Step 12** below.

ISOLATE ANTIBODY TAGS

8. Retrieve the tube that contains the protein library (from **Protein Library Separation Step 6** above). Split the solution into **two 1.5 mL DNA LoBind Eppendorf tubes** (340 µL each).
9. To each tube, add **2 µL of Biotin Oligo (●)**. Vortex and quick-spin.
10. Incubate at **96 °C for 5 minutes**.
11. Transfer the tubes immediately onto **ice** and incubate for **5 minutes**.
12. To each tube, add **342 µL of Streptavidin Beads** resuspended in 2X Wash Buffer (from **Step 7** above).
13. Incubate for **20 minutes on a shaker at room temperature**.
14. Quick-spin to collect the contents.
15. Place the tubes onto the magnet and wait **5 minutes** for the beads to separate from the solution.
16. Prepare **3 mL of 1X Wash Buffer** by mixing 1.5 mL of 2X Wash Buffer with 1.5 mL of nuclease-free water and set aside.
17. Without removing the tubes from the magnet, remove the supernatant and discard.
18. Carefully add **1 mL** of the freshly prepared **1X Wash Buffer**; wait **1 minute**. With the tubes on the magnet, remove the 1X Wash Buffer without disturbing the Streptavidin Beads and discard.
19. Remove the tubes from the magnet and wash a second time with **1 mL nuclease-free water** by pipetting up and down 5 times.
20. Place the tubes onto the magnet and wait **3 minutes** for the beads to separate from the solution.
21. Without removing the tubes from the magnet, remove the supernatant and discard.
22. In each tube, resuspend the beads in **25 µL of nuclease-free water**. Transfer and combine into a new 0.2 mL PCR tube (50 µL total). *The Protein library is bound to the Streptavidin Beads (brown)*. Proceed to Library PCR or store at 4 °C.

Library PCR

- Set up three different Library PCR reactions as follows:

IMPORTANT Ensure DNA Library Indices (●) are used for DNA, RNA Library Indices (●) are used for RNA, and Protein Library Indices (●) are used for protein.

	DNA	RNA	Protein
Reagent	Volume (μL)		
Library Mix (●)	25	25	25
DNA Library Index (●)	10	-	-
RNA Library Index (●)	-	10	-
Protein Library Index (●)	-	-	10
Gel-extracted PCR product	15	15	-
Resuspended Streptavidin Beads containing Antibody Tags	-	-	15
Total Volume	50	50	50

- Vortex and quick-spin tubes to collect the contents.
- Transfer sample tubes to separate thermocyclers and run the following Library PCR protocols:

Step	Temperature	Time	Cycle
1	95 °C	3 min	
2	98 °C	20 sec	10 for DNA 15 for RNA 20 for Protein
3	62 °C for DNA & Protein 65 °C for RNA	20 sec	
4	72 °C	45 sec	
5	72 °C	2 min	
6	4 °C	HOLD	

Clean Up Library PCR Products

NOTE Equilibrate AMPure XP reagent to room temperature and thoroughly vortex for 45 seconds at high speed.

DNA & RNA LIBRARY CLEANUP

- Transfer the DNA and RNA PCR products to separate 1.5 mL DNA LoBind Eppendorf tubes. Add **450 μL of nuclease-free water** to each tube. *Total volume is 500 μL in each tube.*
- Add **345 μL (0.69X) of AMPure XP reagent** to the tubes. Vortex for **5 seconds** and quick-spin to collect the contents.
- Incubate the tubes at **room temperature for 5 minutes**.
- Place the tubes onto the magnet and wait **5 minutes** for the beads to separate from the solution.
- Without removing the tubes from the magnet, remove the supernatant and discard.
- Carefully add **1 mL** of the freshly prepared **80% ethanol**; wait **30 seconds**. With the tubes on the magnet, remove the ethanol without disturbing the AMPure XP beads and discard.
- Repeat **Step 6** once, for a total of two washes.
- Keeping the tubes on the magnet, remove all residual ethanol from the tubes without disturbing the beads.
- Dry AMPure XP beads in the tubes on the magnet by incubating at **room temperature for 5 minutes**. *Avoid overdrying the beads.*

- Remove the tubes from the magnet. Add **510 μL** of nuclease-free water into the tubes. Vortex and quick-spin to collect the contents.
- Incubate the tubes at **room temperature for 2 minutes**.
- Place the tubes onto the magnet and wait for at least **2 minutes**, or until the solution is clear.
- Transfer **500 μL of each purified PCR product** to separate 1.5 mL DNA LoBind Eppendorf tubes.
- Add **345 μL (0.69X) of AMPure XP reagent** to the tubes. Vortex for **5 seconds** and quick-spin to collect the contents.
- Incubate the tubes at **room temperature for 5 minutes**.
- Place the tubes onto the magnet and wait **5 minutes** for the beads to separate from the solution.
- Without removing the tubes from the magnet, remove the supernatant and discard.
- Carefully add **1 mL** of the freshly prepared **80% ethanol**; wait **30 seconds**. With the tubes on the magnet, remove the ethanol without disturbing the AMPure XP beads and discard.
- Repeat **Step 18** once, for a total of two washes.
- Keeping the tubes on the magnet, remove all residual ethanol from the tubes without disturbing the beads.
- Dry AMPure XP beads in the tubes on the magnet by incubating at **room temperature for 5 minutes**. *Avoid overdrying the beads.*
- Remove the tubes from the magnet. Add **12 μL** of nuclease-free water into each tube. Vortex and quick-spin to collect the contents.
- Incubate the tubes at **room temperature for 2 minutes**.
- Place the tubes onto the magnet and wait for at least **2 minutes**, or until the solution is clear.
- Transfer **10 μL of each purified PCR product** to separate 0.2 mL PCR tubes or 1.5 mL DNA LoBind Eppendorf tubes. Store at -20 °C.

PROTEIN LIBRARY CLEANUP II

- Place the sample tube (Protein Library) onto the magnet and wait **2 minutes** for the **Streptavidin Beads to separate from the solution**.
- Without removing the tube from the magnet, **transfer 50 μL of supernatant** to a new 0.2 mL PCR tube.
- Add **45 μL (0.90X) of AMPure XP reagent** to the 50 μL supernatant. **Vortex for 5 seconds** and quick-spin to collect the contents.
- Incubate the tube at **room temperature for 5 minutes**.
- Place the tube onto the magnet and wait **5 minutes** for the beads to separate from the solution.
- Without removing the tube from the magnet, remove the supernatant and discard.
- Carefully add **200 μL** of the freshly prepared **80% ethanol**; wait **30 seconds**. With the tube on the magnet, remove the ethanol without disturbing the AMPure XP beads and discard.
- Repeat **Step 32** once, for a total of two washes.
- Keeping the tube on the magnet, remove all residual ethanol from the tube without disturbing the beads.
- Dry AMPure XP beads in the tube on the magnet by incubating at **room temperature for 5 minutes**. *Avoid overdrying the beads.*
- Remove the tube from the magnet. Add **17 μL** of nuclease-free water into the tube. Vortex and quick-spin to collect the contents.
- Incubate the tube at **room temperature for 2 minutes**.
- Place the tube onto the magnet and wait for at least **2 minutes**, or until the solution is clear.
- Transfer **15 μL of purified PCR product** to a new 0.2 mL PCR tube or 1.5 mL DNA LoBind Eppendorf tube. Store at -20 °C.

Quantify and Pool Libraries

1. Quantify the library using Qubit or equivalent. Determine the size distribution of the library on a Bioanalyzer High-Sensitivity chip or equivalent. Normalize and pool libraries using the Tapestri Sample Pooling tool (PN40676). Contact support@missionbio.com if final libraries are $< 1 \text{ ng}/\mu\text{L}$.

Sequence Tapestri Single-Cell Libraries

IMPORTANT

- The final DNA library consists of target-specific amplicons ranging from 350 - 550 bp with a peak at ~460 bp.
- The final RNA library consists of target-specific amplicons ranging from 350 - 550 bp with a peak at ~460 bp.
- The final Protein library consists of target-specific amplicons ranging from 230 - 270 bp with a peak at ~250 bp.
- Refer to the Tapestri Single-Cell DNA + RNA + Protein Sequencing User Guide (MB05-0049) for sequencing recommendations.

For technical support visit www.missionbio.com/support or email support@missionbio.com.

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