

## Certificate of Analysis

## Product Information

|                                              |                                 |
|----------------------------------------------|---------------------------------|
| <b>Product name:</b> EZ Cap™ Human PTEN mRNA | <b>Report No.:</b> R202511003   |
| <b>Cat. No.:</b> R1025                       | <b>Batch No.:</b> 25001         |
| <b>Manufacture date:</b> Nov 3, 2025         | <b>Expiration date:</b> 2 years |
| <b>Quality Release Date:</b> Nov 4, 2025     | <b>Storage:</b> -40 °C or below |

## Molecule Data

|                     |                             |
|---------------------|-----------------------------|
| <b>Length</b>       | 1467 nt                     |
| <b>Modification</b> | EZ Cap™, poly A             |
| <b>Buffer</b>       | 1 mM Sodium Citrate, pH 6.4 |

## Analytical Data

| Test Items           | Quality Specification and Method              | Result           |
|----------------------|-----------------------------------------------|------------------|
| Appearance           | Colorless liquid                              | Colorless liquid |
| pH                   | 6.0–7.0                                       | 6.6              |
| Purity               | ≥95% ( Agarose Gel Electrophoresis )          | 100%             |
| Concentration        | 1.0-1.4 mg/ml ( UV-Vis Spectrophotometer )    | 1.1 mg/ml        |
| A 260/280            | 1.70-2.30 ( UV-Vis Spectrophotometer )        | 2.23             |
| Bacterial endotoxins | < 10 EU/mg ( Limulus Amebocyte Lysate Assay ) | < 10 EU/mg       |
| <b>Conclusion</b>    | <b>Complies with the given specifications</b> |                  |

Reporter/date:

Jackie Wang / Nov 04, 2025

Reviewer/date:

Eudora Wei / Nov 04, 2025