



# Certificate of Analysis

## Ephrin-A3/EFNA3 Protein, Mouse (HEK293, His)

|                   |                      |
|-------------------|----------------------|
| Cat. No.:         | HY-P73009            |
| Batch No.:        | 315884               |
| Species:          | Mouse                |
| Source:           | HEK293               |
| Tag:              | C-His                |
| Accession:        | O08545 (Q23-S205)    |
| Gene ID:          | 13638                |
| Molecular Weight: | Approximately 38 kDa |

### ANALYTICAL DATA

| TEST                | Specifications  | Results     |
|---------------------|---|-------------|
| Purity              | Greater than 90% as determined by reducing SDS-PAGE   | 90.00%      |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.   | PASS        |
| Biological Activity | Measured by its ability to inhibit proliferation of PC-3 human prostate cancer cells. The ED <sub>50</sub> for this effect is 17.91 ng/mL, corresponding to a specific activity is 5.58×10 <sup>4</sup> units/mg. | 17.91 ng/mL |
| Appearance          | Lyophilized powder  |             |
| Reconstitution      | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.   |             |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.        |             |
| Shipping            | Room temperature in continental US; may vary elsewhere.   |             |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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