



# Certificate of Analysis

## Semaphorin-3A/SEMA3A Protein, Mouse (HEK293, His)

|                   |                        |
|-------------------|------------------------|
| Cat. No.:         | HY-P78350              |
| Batch No.:        | 239855                 |
| Species:          | Mouse                  |
| Source:           | HEK293                 |
| Tag:              | N-His                  |
| Accession:        | O08665 (Y21-V772)      |
| Gene ID:          | 20346                  |
| Molecular Weight: | Approximately 86.6 kDa |

### ANALYTICAL DATA

| TEST                | Specifications  | Results |
|---------------------|---|---------|
| Purity              | Greater than 95% as determined by Tris-Bis PAGE.  | ≥95.0%  |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.   | PASS    |
| 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. 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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