



# Certificate of Analysis

## DR6/TNFRSF21 Protein, Cynomolgus (HEK293, His)

|                   |                          |
|-------------------|--------------------------|
| Cat. No.:         | HY-P77352                |
| Batch No.:        | 316550                   |
| Species:          | Cynomolgus               |
| Source:           | HEK293                   |
| Tag:              | C-His                    |
| Accession:        | XP_005552846 (Q42-L350)  |
| Gene ID:          | 101925746                |
| Molecular Weight: | Approximately 55-75 kDa. |

### ANALYTICAL DATA

| TEST                | Specifications  | Results     |
|---------------------|---|-------------|
| Purity              | Greater than 95% as determined by reducing SDS-PAGE.  | 96.00%      |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.   | PASS        |
| Biological Activity | Measured by its binding ability in a functional ELISA. When recombinant human APP770 is coated at 2 μg/mL (100 μL/well) can bind Recombinant Cynomolgus DR6. The ED <sub>50</sub> for this effect is 368.4 ng/mL. | 368.4 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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). |             |
| 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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