



# Certificate of Analysis

## M-CSF Protein, Cynomolgus/Rhesus Macaque (HEK293, Fc)

|                   |                           |
|-------------------|---------------------------|
| Cat. No.:         | HY-P73831                 |
| Batch No.:        | 269238                    |
| Species:          | Rhesus Macaque;Cynomolgus |
| Source:           | HEK293                    |
| Tag:              | C-hFc                     |
| Accession:        | XP_005542489 (M1-P190)    |
| Gene ID:          | 102141631                 |
| Molecular Weight: | Approximately 45.1 kDa    |

### ANALYTICAL DATA

| TEST                | Specifications  | Results  |
|---------------------|---|----------|
| Purity              | Greater than 95% as determined by reducing SDS-PAGE.  | ≥95.0%   |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.   | PASS     |
| Biological Activity | Measured in a cell proliferation assay using M-NFS-60 mouse myelogenous leukemia lymphoblast cell. The ED <sub>50</sub> for this effect is typically 25-140 ng/mL.                  | 25 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. 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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