



# Certificate of Analysis

## OSM Protein, Human (HEK293, His-Avi)

|                   |                   |
|-------------------|-------------------|
| Cat. No.:         | HY-P78502         |
| Batch No.:        | 240893            |
| Species:          | Human             |
| Source:           | HEK293            |
| Tag:              | C-Avi;C-His       |
| Accession:        | P13725 (A26-R221) |
| Gene ID:          | 5008              |
| Molecular Weight: | 30-40 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  |
| Biological Activity | Human LIF R, His Tag immobilized on CM5 Chip can bind Human OSM, His Tag with an affinity constant of 0.87 μM as determined in SPR assay (Biacore T200).                            | 0.87 μM as determined in SPR assay (Biacore T200) |
| 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA