

# Biotinylated Recombinant Human Oncostatin-M/OSM Protein

Catalog No.: RP02464 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	5008	P13725

### Tags

C-His&Avi

### Synonyms

OSM; oncostatin-M

## Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

### Basic Information

#### Description

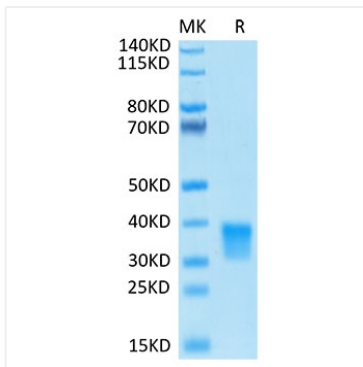
Biotinylated Recombinant Human Oncostatin M Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ala26-Arg221) of Human Oncostatin M fused with His tag and Avi tag at the C-terminal.

#### Bio-Activity

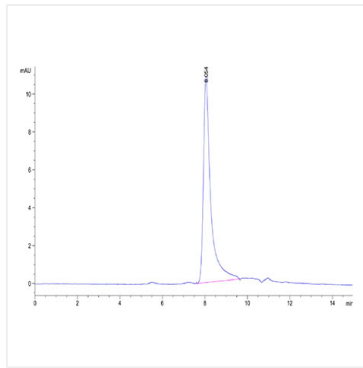
#### Storage

Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

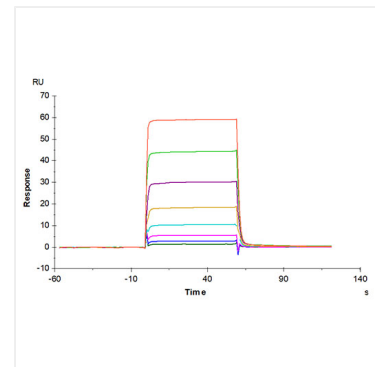
## Validation Data



Biotinylated Oncostatin M on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



The purity of Biotinylated Oncostatin M is greater than 95% as determined by SEC-HPLC.



Human LIF R, His Tag immobilized on CM5 Chip can bind Biotinylated Human Oncostatin M, His Tag with an affinity constant of 0.94  $\mu\text{M}$  as determined in SPR assay (Biacore T200).