

RP02464

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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

HEK293 cells

Purification

> 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 freeze-thaw cycles.

Contact



www.abclonal.com

Background

Basic Information

Description

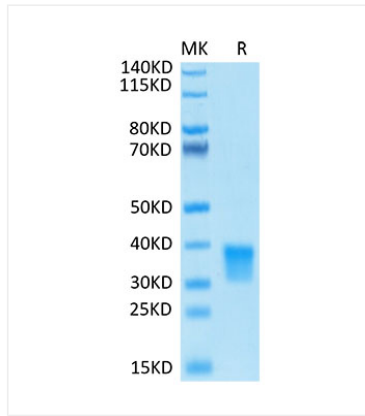
Biotinylated Recombinant Human Oncostatin M Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ala26-Arg221) of Human Oncostatin M fused with His tag and Avi tag at the C-terminal.

Bio-Activity

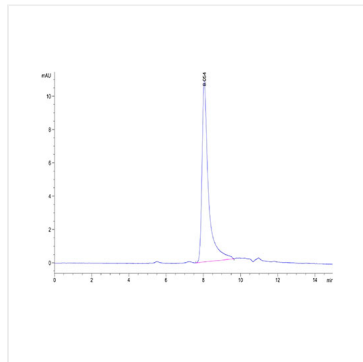
Storage

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.

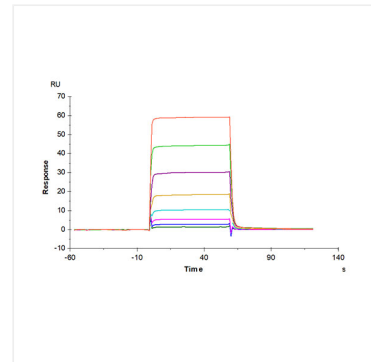
Validation Data



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 μ M as determined in SPR assay (Biacore T200).