

Active Recombinant Human OSM protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. OSM-725HB Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human OSM protein(P13725)(Ala26-Arg221) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	26-221 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Human LIF R, His Tag immobilized on CM5 Chip can bind Biotinylated Human Oncostatin M, His Tag with an affinity constant of 0.94 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 25.1 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

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Storage -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [OSM oncostatin M \[Homo sapiens \]](#)

Official Symbol [OSM](#)

Synonyms OSM; oncostatin M; oncostatin-M; MGC20461;

Gene ID [5008](#)

mRNA Refseq [NM_020530](#)

Protein Refseq [NP_065391](#)

MIM [165095](#)

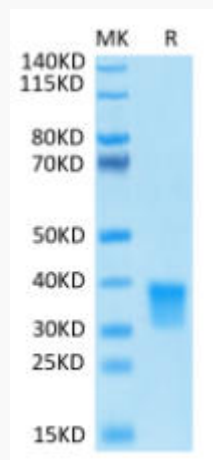
UniProt ID [P13725](#)

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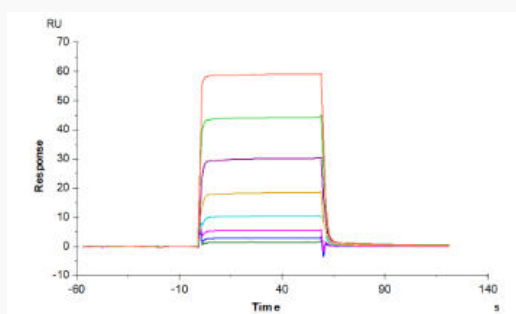
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Bis-Tris PAGE



ELISA Data



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