

Oncostatin M/OSM Recombinant Protein | OSM recombinant protein

Biotinylated Human Oncostatin M/OSM Protein Recombinant

CATALOG #	HOST
AAA76172	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

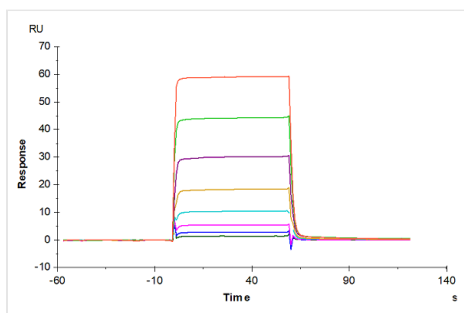
PRODUCT SYNONYMS

Oncostatin M/OSM; Biotinylated Human Oncostatin M/OSM Protein Recombinant; OSM recombinant protein

PRODUCT SPECIFICATIONS

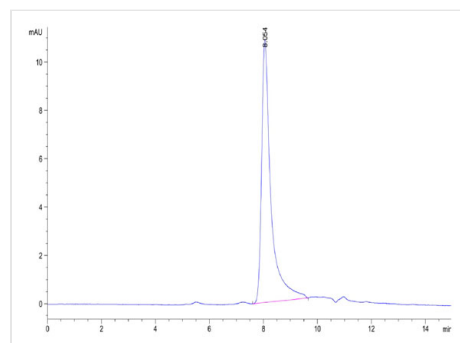
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human Oncostatin M/OSM was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human Oncostatin M/OSM including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Cytokine, Mitogen
Biological Process	Growth-regulation
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



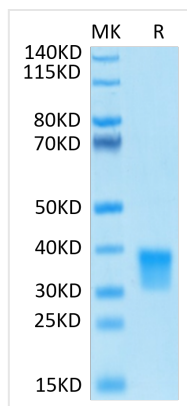
Application Data

Biotinylated Human Oncostatin M/OSM Protein SPR Data 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).



Application Data

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



Tris-Bis-PAGE

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

ADDITIONAL INFORMATION

Product Categories/Family for OSM recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10092621
NCBI GeneID	5008
NCBI Accession #	NP_065391.1
NCBI GenBank Nucleotide #	NM_020530.4
UniProt Accession #	P13725; P05231 IL6_HUMAN; P42702 LIFR_HUMAN; P40189 IL6RB_HUMAN
Molecular Weight	28,484 Da
NCBI Official Full Name	oncostatin-M preproprotein
NCBI Official Synonym Full Names	oncostatin M
NCBI Official Symbol	OSM
NCBI Protein Information	oncostatin-M
UniProt Protein Name	Oncostatin-M
UniProt Gene Name	OSM
UniProt Synonym Gene Names	OSM
UniProt Entry Name	ONCM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/osm-recombinant-protein-hek293-cells/76172>