

Active Recombinant Human OSM protein

Cat. No. OSM-514H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human OSM protein(NP_065391.1) (Met1-Arg221) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-221 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.2-1 ng/mL.
Molecular Mass	The recombinant human OSM consists 196 amino acids and predicts a molecular mass of 22.2 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	OSM oncostatin M [Homo sapiens]
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Official Symbol	OSM
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Synonyms	OSM; oncostatin M; oncostatin-M; MGC20461;
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Gene ID	5008
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mRNA Refseq	NM_020530
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Protein Refseq	NP_065391
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MIM	165095
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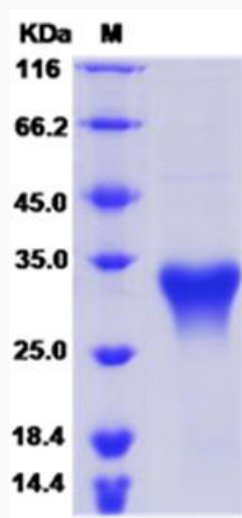
UniProt ID	P13725
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SDS-PAGE



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