Active GMP Recombinant Human OSM protein

Cat. No. OSM-437HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human OSM protein(NP_065391.1)(227 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human Oncostatin M(NCBI Reference Sequence: NP_065391.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	Using human TF-1 cells to detect cell proliferation analysis, the ED50 of this effect is 0.1-0.5ng/mL.
Molecular Mass	Recombinant Human OSM protein contains 227 aa. It has a predicted MW of 27.5 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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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]
Official Symbol	OSM
Synonyms	OSM; MGC20461
Gene ID	5008
mRNA Refseq	NM_020530
Protein Refseq	NP_065391
MIM	165095
UniProt ID	P13725

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