

## Active Recombinant Human OSM Protein, Animal Free

Cat. No. OSM-43H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human OSM Protein without tag was expressed in Human cells. Animal Free and Xeno Free
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	Oncostatin M (OSM) is a 30 kDa secreted cytokine belonging to the Interleukin 6 family. OSM inhibits the proliferation of a number of tumor cell lines. It also stimulates proliferation of AIDS-KS cells. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells. OSM plays crucial roles in inflammation, neuroprotection, hematopoiesis, metabolism and development.
<b>Bio-activity</b>	The activity was measured by its ability to stimulate the proliferation of human TF-1 cells (human erythroleukemic indicator cell line).
<b>Molecular Mass</b>	30 kDa homotrimer
<b>Endotoxin</b>	<0.5 EU/ µg
<b>Purity</b>	High Purity, >95% by SDS-PAGE
<b>Stability</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80

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**Storage Buffer** Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

**Reconstitution** Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

## GENE INFORMATION

**Gene Name** OSM oncostatin M [ Homo sapiens (human) ]

**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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