

Active Recombinant Human OSM Protein, Animal Free

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

SPECIFICATION

Product Overview	Recombinant Human OSM Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	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.
Bio-activity	The activity was measured by its ability to stimulate the proliferation of human TF-1 cells (human erythroleukemic indicator cell line).
Molecular Mass	30 kDa homotrimer
Endotoxin	<0.5 EU/ µg
Purity	High Purity, >95% by SDS-PAGE
Stability	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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