

Recombinant Rhesus monkey oncostatin M Protein

Cat. No. OSM-3255R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus monkey oncostatin M Protein without tag was expressed in Mammalian cell.
Species	Rhesus macaque
Source	Mammalian Cells
Description	This gene encodes a member of the leukemia inhibitory factor/oncostatin-M (LIF/OSM) family of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein is a secreted cytokine and growth regulator that inhibits the proliferation of a number of tumor cell lines. This protein also regulates the production of other cytokines, including interleukin 6, granulocyte-colony stimulating factor and granulocyte-macrophage colony stimulating factor in endothelial cells. This gene and the related gene, leukemia inhibitory factor, also present on chromosome 22, may have resulted from the duplication of a common ancestral gene. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.
Molecular Mass	~ 26.6 kDa
AA Sequence	MASMAAMGSCSKEYRMLLGQLQKQTDLMQDTSRLLDPYIRIQGLDIPKLREHCRES PGAFPSEETLRGLGRRGFLQTLNATLGRVLHRLADLEQHLPKAQDLERSGLNIEDLE KLQMARPNVLGLRNNVYCMAQLLDNSDMTEPTKAGRGTPQPPTPTPTSDVFQRKL EGCSFLRGYHRFMHSVGRVFSKWGESPNRSRRHSPHQALRKGVRRTRPSRKGNR

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	LMPRGQLPR
Endotoxin	< 1 EU/μg by LAL.
Purity	≥95 % by SDS-PAGE
Storage	Store at -20 centigrade, for extended storage, conserve at -20 or -80 centigrade. Avoid freeze/thaw cycles.
Storage Buffer	0.2 μm sterile filtered 20 mM Tris-HCl, 0.5 M NaCl, pH 8.0, 50 % glycerol
Concentration	0.7 mg/mL

GENE INFORMATION

Gene Name	OSM oncostatin M [<i>Macaca mulatta</i> (Rhesus monkey)]
Official Symbol	OSM
Synonyms	OSM; oncostatin M; oncostatin-M;
Gene ID	717994
mRNA Refseq	NM_001194474
Protein Refseq	NP_001181403
UniProt ID	F7GF43

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