

# Recombinant Rhesus monkey oncostatin M Protein

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus monkey oncostatin M Protein without tag was expressed in Mammalian cell.
<b>Species</b>	Rhesus macaque
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Molecular Mass</b>	~ 26.6 kDa
<b>AA Sequence</b>	MASMAAMGSCSKEYRMLLGQLQKQTDLMQDTSRLLDPYIRIQGLDIPKLREHCRES PGAFPSEETLRGLGRRGFLQTLNATLGRVHLRLADLEQHLPKAQDLERSGLNIEDLE KLQMARPNVLGLRNNVYCMQAQLLDNSDMTEPTKAGRGTPQPPTPTPTSDVFQRKL EGCSFLRGYHRFMHSVGRVFSKWGESPNRSRRHSPHQALRKGVRRTSPSRKGNR

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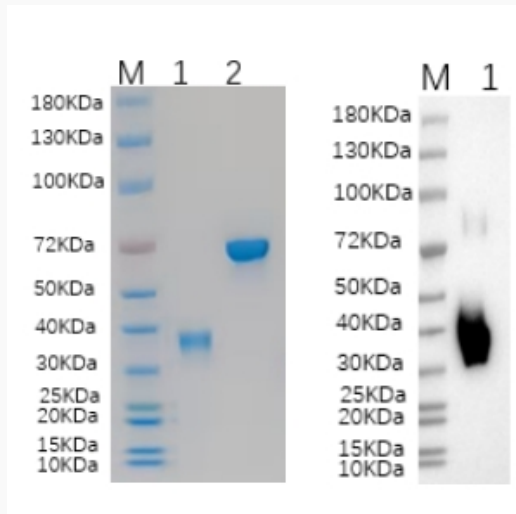
	LMPRGQLPR
<b>Endotoxin</b>	< 1 EU/μg by LAL.
<b>Purity</b>	≥95 % by SDS-PAGE
<b>Storage</b>	Store at -20 centigrade, for extended storage, conserve at -20 or -80 centigrade. Avoid freeze/thaw cycles.
<b>Storage Buffer</b>	0.2 μm sterile filtered 20 mM Tris-HCl, 0.5 M NaCl, pH 8.0, 50 % glycerol
<b>Concentration</b>	0.7 mg/mL
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	OSM oncostatin M [ <i>Macaca mulatta</i> (Rhesus monkey) ]
<b>Official Symbol</b>	OSM
<b>Synonyms</b>	OSM; oncostatin M; oncostatin-M;
<b>Gene ID</b>	717994
<b>mRNA Refseq</b>	NM_001194474
<b>Protein Refseq</b>	NP_001181403
<b>UniProt ID</b>	F7GF43

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**SDS-PAGE(reduced)  
analysis of OSM**



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