

Recombinant Mouse Oncostatin M

Cat. No. Osm-1771M Lot. No. (See product label)

SPECIFICATION

Species	Mouse
Source	Mammalian Cells
Description	Oncostatin M (OSM) is a cytokine produced by activated T lymphocytes and macrophages. The biological activities of OSM are mediated through two types of receptor complexes, the LIF/OSM shared receptor (type I) and OSM-specific receptor (OSM-R, type II).
Molecular Weight	The predicted molecular weight of Recombinant Mouse OSM R β is Mr 109 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr >150 kDa.
State Of Matter	Lyophilized.
Purity	>90% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

GENE INFORMATION

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Gene Name	Osm oncostatin M [Mus musculus]
Synonyms	Osm; oncostatin M; OTTMUSP00000005249
Gene ID	18413
mRNA Refseq	NM_001013365
Protein Refseq	NP_001013383
UniProt ID	P53347
Chromosome Location	11 A1; 11 1.0 cM
Pathway	Cytokine-cytokine receptor interaction; Jak-STAT signaling pathway
Function	cytokine activity

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