

Product datasheet for TP526014

Osm (NM_001013365) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse oncostatin M (Osm), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226014 representing NM_001013365 Red =Cloning site Green =Tags(s)
	 MQTRLLRLLSLTLLSLLILSMALANRGCSNSSSQLLSQLQNQANLTGNTESLLEPYIRLQNLNTPDLRAA CTQHSVAFPSEDTLRQLSKPHFLSTVYTTLDRLVLYQLDALRQKFLKTPAFPKLDSARHNILGIRNNVFCM ARLLNHSLEIPEPTQTDSGASRSTTPDVFNTKIGSCGFLWGYHRFMGSGVGRVFEWDDGSTRSRRQSPL RARRKGTRRIRVRHKGTRRIRVRRKGTRRIWVRRKGSRKIRPSRSTQSPTRRA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	30.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001013383
Locus ID:	18413
UniProt ID:	P53347
RefSeq Size:	1907



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Cytogenetics: 11 2.94 cM

RefSeq ORF: 789

Synonyms: OncoM

Summary: Growth regulator. Inhibits the proliferation of a number of tumor cell lines. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells (By similarity). Uses only type II OSM receptor (heterodimers composed of OSMR and IL6ST). Involved in the maturation of fetal hepatocytes, thereby promoting liver development and regeneration (By similarity).[UniProtKB/Swiss-Prot Function]