

Product datasheet for TP523120

Lif (NM_008501) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse leukemia inhibitory factor (Lif), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223120 representing NM_008501 <div> <div>Red</div>=Cloning site <div>Green</div>=Tags(s) </div> <p> MKVLAAGIVPLLLLVLHWKHGAGSPLPITPVNATCAIRHPCHGNLMNQIKNQLAQLNGSANALFISYYTA QGEPFPNNVEKLCAPNMTDFPSFHNGTEKTLVELYRMVAYLSASLTNITRDQKVLNPTAVSLQVKLNA TIDVMRGLLSNVLCRLCNKYRVGHVDVPPDPDHSDEAFQRKKLGCQLLGTYKQVISVVVQAF <div> <div>TR</div> <div>TRPLEQKLISEEDLAANDILDYKDDDDKV</div> </div> </p>
Tag:	C-MYC/DDK
Predicted MW:	22.7 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:	<u>NP_032527</u>
Locus ID:	16878
UniProt ID:	<u>P09056</u>
RefSeq Size:	4015
Cytogenetics:	11 2.94 cM


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RefSeq ORF: 609

Summary: LIF has the capacity to induce terminal differentiation in leukemic cells. Its activities include the induction of hematopoietic differentiation in normal and myeloid leukemia cells, the induction of neuronal cell differentiation, and the stimulation of acute-phase protein synthesis in hepatocytes.[UniProtKB/Swiss-Prot Function]