

Recombinant Human LIF protein

Cat. No. LIF-1398H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIF protein(P15018-1)(Ser23-Phe202) was expressed in E.coli.
Species	Human
ProteinLength	Ser23-Phe202
Tag	N/A
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human LIF, No Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human LIF, His Tag with the EC50 of 81.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 19.86 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

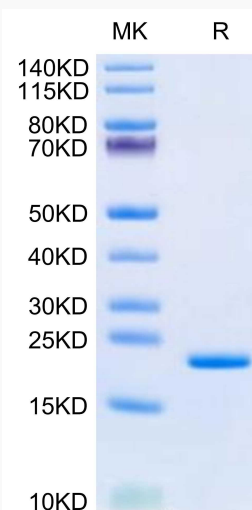
Gene Name	LIF leukemia inhibitory factor [Homo sapiens]
Official Symbol	LIF
Synonyms	LIF; leukemia inhibitory factor; CDF; cholinergic differentiation factor; DIA; differentiation inhibitory activity; differentiation inducing factor; hepatocyte stimulating factor III; HILDA; human interleukin in DA cells; D factor; melanoma-derived LPL inhibitor; differentiation-inducing factor; hepatocyte-stimulating factor III; differentiation-stimulating factor; MLPLI;
Gene ID	3976
mRNA Refseq	NM_001257135
Protein Refseq	NP_001244064
MIM	159540
UniProt ID	P15018

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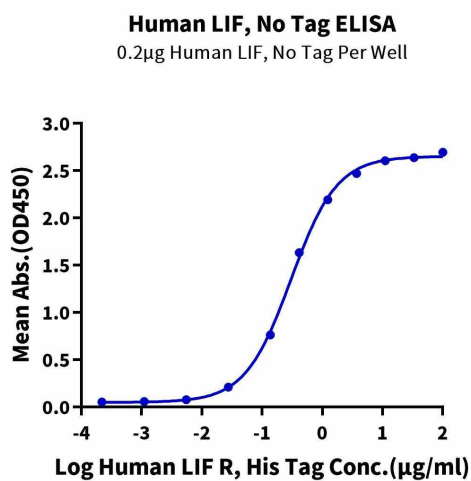
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Tris-Bis PAGE



ELISA



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