

Recombinant Human LIF protein, GST-tagged

Cat. No. LIF-301508H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIF (27-202 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile27-Phe202
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	ITPVNATCAIRHPCHNNLMNQIRSQLAQLNGSANALFILYYTAQGEPFPNNLDKLCGP NVTDFPPFHANGTEKAKLVELYRIVVYLGTS LGNITRDQKILNPSALSLSKLNATADI LRGLLSNVLCRLCSKYHVGHVDTYGPDTSGKDVFQKKKLGCQLLGKYKQIIAVLAQ AF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

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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