

Recombinant Human LIF Protein, 23AA-202AA, Tag Free, Biotinylated

Cat. No. LIF-162H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LIF protein was developed from HEK293.
Species	Human
Source	HEK293
ProteinLength	23AA-202AA
Description	The protein encoded by this gene is a pleiotropic cytokine with roles in several different systems. It is involved in the induction of hematopoietic differentiation in normal and myeloid leukemia cells, induction of neuronal cell differentiation, regulator of mesenchymal to epithelial conversion during kidney development, and may also have a role in immune tolerance at the maternal-fetal interface. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Conjugation/Label	Biotin
Form	Lyophilised
Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
Notes	FOR RESEARCH USE ONLY (RUO).
Storage	The lyophilized protein is stable for at least 1 year from date of receipt at -20

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centigrade. Upon reconstitution, this cytokine can be stored in working aliquots at -20 centigrade for six months, with a carrier protein without detectable loss

Storage Buffer Lyophilised from 0.2 µm filtered PBS pH 7.5.

Reconstitution Upon receipt a quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.

Conjugation Biotin

GENE INFORMATION

Gene Name [LIF leukemia inhibitory factor \[Homo sapiens \(human\) \]](#)

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](#)

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UniProt ID

P15018

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