

Active GMP Recombinant Human LIF protein

Cat. No. LIF-436HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human LIF protein(NP_002300.1)(186 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human LIF(NP_002300.1) was expressed with His tag at the C-terminal.
Bio-activity	$\geq 1 \times 10^7$ IU/mg
Molecular Mass	Recombinant Human LIF contains 186 aa. It has a predicted MW of 20.5 kDa.
Endotoxin	≤ 0.01 EU/ug
Purity	$\geq 95\%$ by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
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	CDF; DIA; HILDA; Leukemia Inhibitory Factor; MLPLI
Gene ID	3976
mRNA Refseq	NM_001257135
Protein Refseq	NP_001244064
MIM	159540
UniProt ID	P15018

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