

Active Recombinant Human LIFR protein, His-tagged

Cat. No. LIFR-611H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LIFR protein(P42702-1)(Gln45-Ser833) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	45-833 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human LIF at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human LIF R, His Tag with the EC50 of 0.15µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 90.5 kDa. Due to glycosylation, the protein migrates to 115-130 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name LIFR leukemia inhibitory factor receptor alpha [Homo sapiens]

Official Symbol LIFR

Synonyms LIFR; leukemia inhibitory factor receptor alpha; leukemia inhibitory factor receptor; CD118; LIF receptor; CD118 antigen; SWS; SJS2; STWS; LIF-R; FLJ98106; FLJ99923;

Gene ID 3977

mRNA Refseq NM_001127671

Protein Refseq NP_001121143

MIM 151443

UniProt ID P42702

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