

Active Recombinant Human LIFR Protein, Fc-tagged

Cat. No. LIFR-044H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LIFR Protein(P42702-1)(Gln45-Ser833) is expressed from HEK293 with hFc (IgG1) tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	45-833 aa
Form	Supplied as 0.22µm filtered solution in 20mM Tris, 500mM NaCL, 200mM L-arginine, 5mM DTT.
Bio-activity	Immobilized Human LIF, No Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Human LIF R, hFc Tag with the EC50 of 66.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 116.1 kDa. Due to glycosylation, the protein migrates to 120-160 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE
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 minimize freeze-thaw cycles.

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Concentration 0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

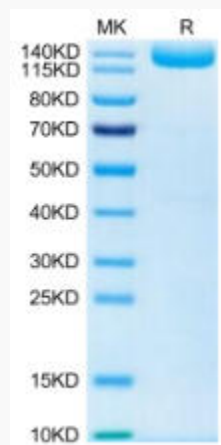
UniProt ID P42702

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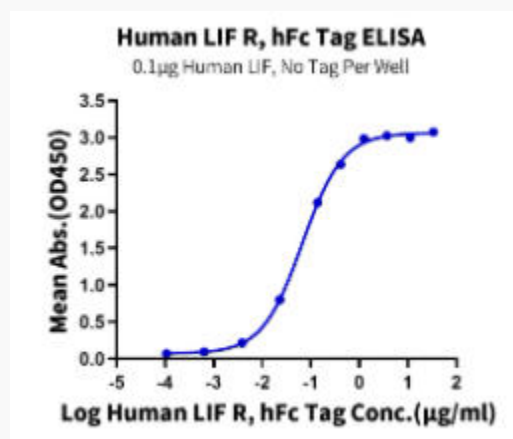
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Bis-Tris PAGE



ELISA Data



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