Recombinant Human LIFR protein(Met1-Ser833), His-tagged, Biotinylated

Cat. No. LIFR-1085H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIFR (NP_001121143.1) (Met 1-Ser 833) with a C-terminal polyhistidine tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser833
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human LIFR comprises 800 amino acids with a predicted molecular mass of 91 kDa. As a result of glycosylation, human LIFR migrates as an approximately 125-135 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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.
Conjugation	Biotin

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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