

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LIFR (NP_001121143.1) (Met 1-Ser 833) with a C-terminal polyhistidine tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ser833
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from sterile PBS. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	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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