

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

Cat. No. LIFR-611H    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>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.   |
| <b>Bio-activity</b>     | Immobilized LIF Protein, Human, Recombinant (hFc Tag) at 2 µg/mL (100 µL/well) can bind LIFR Protein, Human, Recombinant (His Tag), the EC50 is 60-360 ng/mL.  |
| <b>Molecular Mass</b>   | The secreted recombinant human LIFR comprises 800 amino acids with a predicted molecular mass of 91 kDa. As a result of glycosylation, rhLIFR migrates as an approximately 125-135 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the 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.   |

 Tel: 1-631-559-9269   1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)    Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein 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.

## 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA