

Human LIFR/CD118 (His Tag) recombinant protein



Catalog Number: 501711

General Information

Protein Construction

A DNA sequence encoding the extracellular domain of human LIFR (NP_001121143.1) (Met 1-Ser 833) with a C-terminal polyhistidine tag was expressed.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind human LIF-Fc (Cat:500387) in a functional ELISA.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gln 45

Molecular Mass

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.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

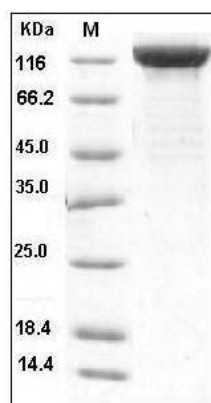
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human LIFR / CD118 Protein (His Tag) SDS-PAGE