Recombinant Human Leukemia inhibitory factor receptor/LIF-R/CD118 Protein

Catalog No.: RP02434LQ

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Sequence Information

Species
Human

Gene ID
3977

Swiss Prot
P42702-1

Tags
C-hFc

Synonyms
LIFR,CD118,LIF-R,SJS2,STWS,SWS

Product Information

Source
HEK293 cells

Purification
> 90 % as determined by SDS-PAGE.

Calculated MW
116.1 kDa

Observed MW
120-160 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Supplied as 0.22μm filtered solution in 20mM Tris, 500mM NaCL, 200mM L-arginine, 5mM DTT.

Reconstitution

Background

The leukemia inhibitory factor receptor (LIF-R) subunit is a component of cell-surface receptor complexes for the multifunctional cytokines, LIF, cardiotrophin-1, ciliary neurotrophic factor, and human oncostatin M. The structure of the human LIF-R gene is similar to that of the mouse gene. The transmembrane receptor is encoded by 19 exons.

Basic Information

Description
Recombinant Human LIF R Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Gln45-Ser833) of Human LIF R fused with hFc tag at the C-terminal.

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.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

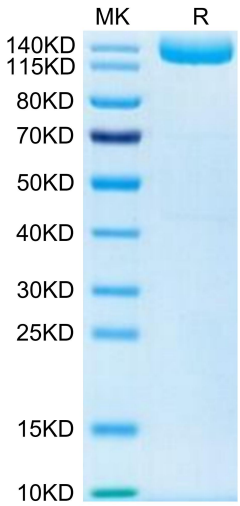
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

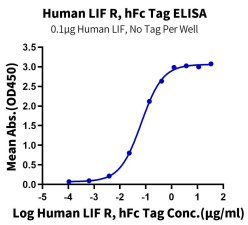
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Validation Data



Human LIF R on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.



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