

Catalog No.: RP02434LQ **Recombinant**

Species	Gene ID	Swiss Prot
Human	3977	P42702-1

C-hFc

LIFR:CD118:LIF-R:SIS2:STWS:SWS

Source	Purification
HEK293 cells	> 90 % as determined by SDS-PAGE.

Calculated MW	Observed MW
116.1 kDa	120-160 kDa

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

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

Reconstitution

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.

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.

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.

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.

Store at -70°C. This product is stable at $\leq -70^{\circ}\text{C}$ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.

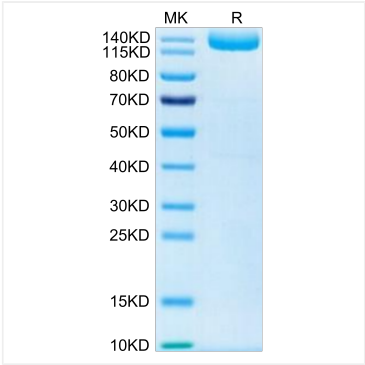
For your safety and health, please wear a lab coat and disposable gloves for handling.

 | 400-999-6126

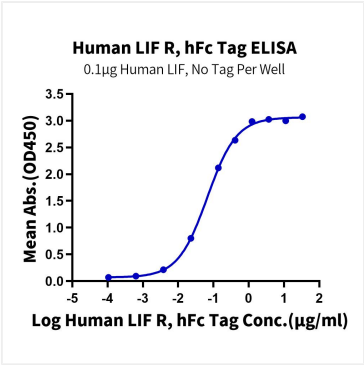
 | cn.market@abclonal.com.cn

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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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