

Datasheet for ABIN7275153

**LIFR Protein (Fc Tag)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	LIFR
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIFR protein is labelled with Fc Tag.

## Product Details

Sequence:	Gln45-Ser833
Purity:	> 95% as determined by Tris-Bis PAGE
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human LIF R, No Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Human LIF R, hFc Tag with the EC50 of 0.39µg/ml determined by ELISA. See testing image for detail.

## Target Details

Target:	LIFR
Alternative Name:	LIF R ( <a href="#">LIFR Products</a> )
Background:	FLJ99923, SJS2, STWS, SWS, LIFR, CD118, FLJ98106, 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

Target Details

	structure of the human LIF-R gene is similar to that of the mouse gene. The transmembrane receptor is encoded by 19 exons.
Molecular Weight:	116.1 kDa. Due to glycosylation, the protein migrates to 120-160 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">JAK-STAT Signaling, Growth Factor Binding</a>

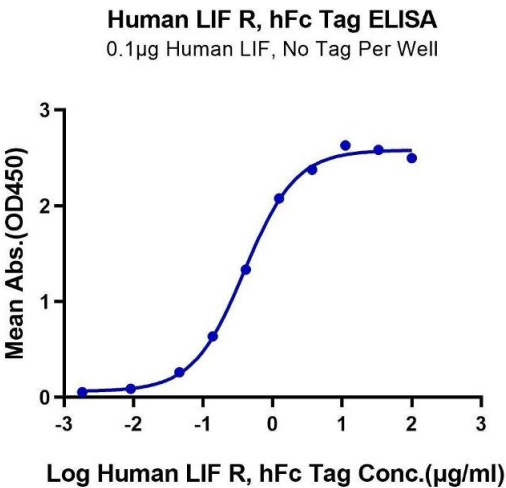
Application Details

Restrictions:	For Research Use only
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Handling

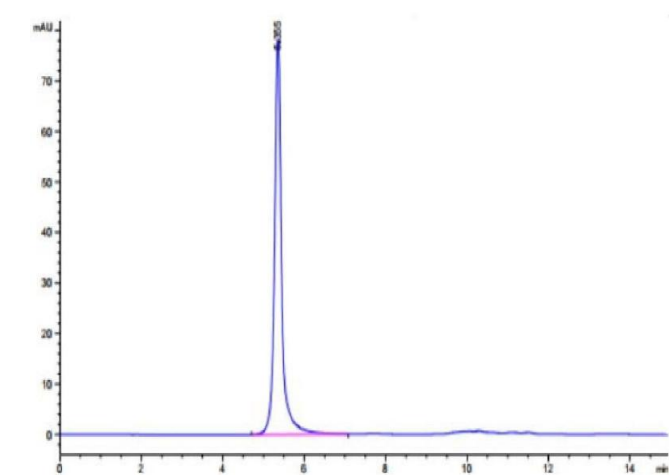
Format:	Lyophilized
Storage:	4 °C,-80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Images



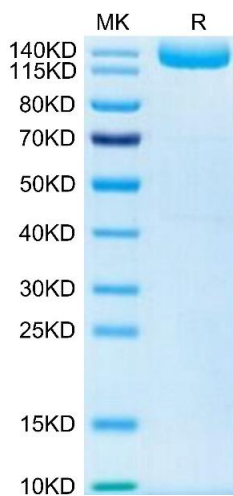
ELISA

**Image 1.** Immobilized Human LIF, No Tag at 1 µg/mL (100 µL/Well) on the plate. Dose response curve for Human LIF R, hFc Tag with the EC50 of 0.39 µg/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human LIF R is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

**Image 3.** Human LIF R on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .