

Datasheet for ABIN7274999

ILDR2 Protein (AA 21-184) (Fc Tag)**4** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ILDR2
Protein Characteristics:	AA 21-184
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ILDR2 protein is labelled with Fc Tag.

Product Details

Purpose:	Human ILDR2 Protein
Sequence:	Leu21-Met184
Characteristics:	Recombinant Human ILDR2 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Leu21-Met184.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 92 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	ILDR2
Alternative Name:	ILDR2 (ILDR2 Products)

Target Details

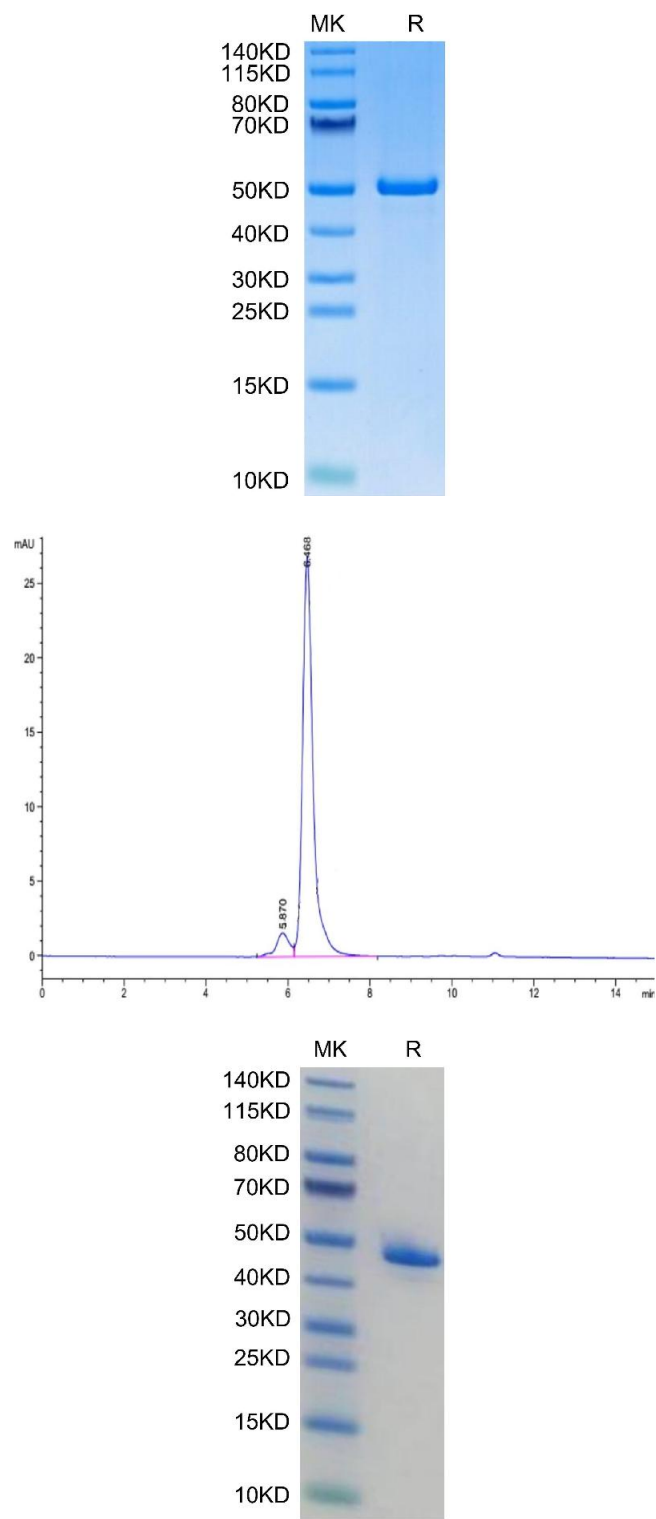
Background:	Illdr2, a modifier of diabetes susceptibility in obese mice, is expressed in most organs, including islets and hypothalamus, with reduced levels in livers of diabetes-susceptible B6.DBA mice congenic for a 1.8 Mb interval of Chromosome 1. In hepatoma and neuronal cells, ILDR2 is primarily located in the endoplasmic reticulum membrane. Livers in knockdown mice were steatotic, with increased hepatic and circulating triglycerides and total cholesterol. Increased circulating VLDL, without reduction in triglyceride clearance suggests an effect of reduced hepatic ILDR2 on hepatic cholesterol clearance.
Molecular Weight:	35 kDa. Due to glycosylation, the protein migrates to 48-55 kDa based on Tris-Bis PAGE result.
UniProt:	Q71H61

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human ILDR2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human ILDR2 is greater than 92 % as determined by SEC-HPLC.

SDS-PAGE

Image 3. Human ILDR2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7274999.