

Datasheet for ABIN7319930

ILDR2 Protein (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	ILDR2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ILDR2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ILDR2 (C-6His)
Sequence:	Leu21-Glu186
Characteristics:	Recombinant Human Immunoglobulin-like Domain-containing Receptor 2 is produced by our Mammalian expression system and the target gene encoding Leu21-Glu186 is expressed with a 6His tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ILDR2
Alternative Name:	ILDR2 (ILDR2 Products)
Background:	Background: ILDR2 is a member of the B7-like family of proteins that regulate T cell activity, is also a known endoplasmic reticulum molecule that regulates lipid homeostasis. The human

Target Details

ILDR2 luminal domain shares a 99 % and 98 % homology with the mouse and rat respectively. The human gene encoding ILDR2 is located in a region on Chr1q23-25 that has been associated with type 2 diabetes. ILDR2 plays critical roles in hepatic clearance of lipoproteins and in lipid homeostasis. ILDR2 regulates human dendritic cells (DC2 cells, a subpopulation of polarized DCs that promotes Th2 differentiation). Recent publications reported that ILDR2 displayed negative regulatory functions on human and mouse T cells in various experimental systems. Fusion protein of ILDR2 luminal domain with an Fc fragment, displays therapeutic effects in collagen-induced arthritis (CIA), a mouse model of rheumatoid arthritis (RA). ILDR2 represents a novel B7-like ligand that exerts negative immune modulation via interaction with a putative counterpart receptor expressed on activated T cells.

Synonym: Angulin-3, C1orf32, Dbsm1, DJ782G3.1, ILDR2, immunoglobulin-like domain containing receptor 2, LISCH-Like

Molecular Weight:	19.5 kDa
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UniProt:	Q71H61
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Application Details

Restrictions:	For Research Use only
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Handling

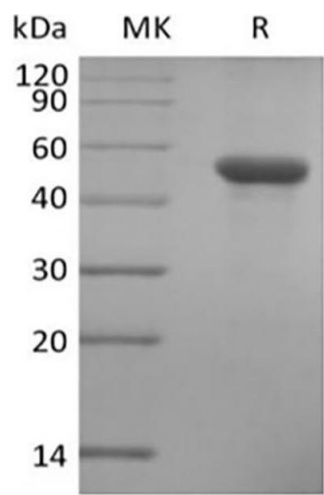
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.