

Datasheet for ABIN7275181

LILRA5 Protein (AA 42-268) (His-Avi Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	LILRA5
Protein Characteristics:	AA 42-268
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRA5 protein is labelled with His-Avi Tag.

Product Details

Purpose:	Human LILRA5/CD85f/ILT11 Protein
Sequence:	Gly42-Arg268
Characteristics:	Recombinant Human LILRA5/CD85f/ILT11 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Gly42-Arg268.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	LILRA5
Alternative Name:	LILRA5 (LILRA5 Products)

Target Details

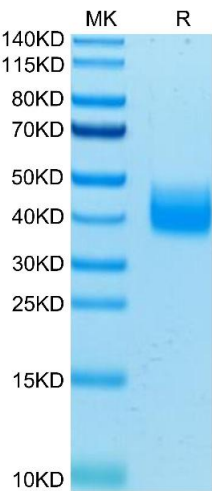
Background:	The leukocyte immunoglobulin-like receptors (LILR) comprise a family of activating and inhibitory type immunoreceptors whose genes are located in the same locus that encodes killer cell Ig-like receptors (KIRs). Human LILRA5, also known as ILT11, LIR-9, and CD85f, consists of a 227 amino acid (aa) extracellular domain (ECD), a 21 aa transmembrane segment, and a 10 aa cytoplasmic tail. LILRA5 may play a role in triggering innate immune responses. Does not seem to play a role for any class I MHC antigen recognition.
Molecular Weight:	28.2 kDa. Due to glycosylation, the protein migrates to 38-50 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions:	For Research Use only
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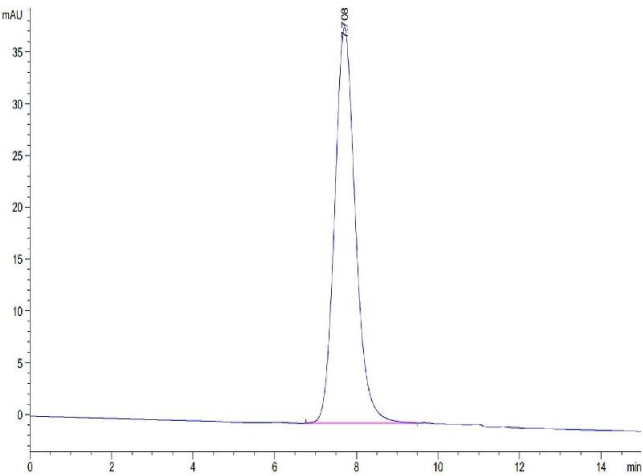
Handling

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 LILRA5 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 LILRA5 is greater than 95 % as determined by SEC-HPLC.