

Datasheet for ABIN7275173

**LILRA1 Protein (AA 17-461) (His-Avi Tag)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	LILRA1
Protein Characteristics:	AA 17-461
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRA1 protein is labelled with His-Avi Tag.

## Product Details

Purpose:	Human LILRA1/CD85i/LIR-6 Protein
Sequence:	Pro17-Asn461
Characteristics:	Recombinant Human LILRA1/CD85i/LIR-6 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Pro17-Asn461.
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:	LILRA1
Alternative Name:	LILRA1 ( <a href="#">LILRA1 Products</a> )

## Target Details

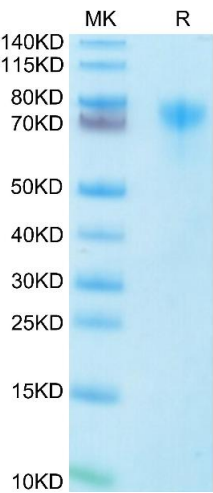
Background:	LILRA1, also known as CD85i and LIR-6, is an approximately 70 kDa variably glycosylated transmembrane protein that regulates immune cell activation. Mature human LILRA1 consists of a 445 amino acid (aa) extracellular domain (ECD) with 4 Ig-like domains, a 21 aa transmembrane segment, and a 7 aa cytoplasmic tail. LILRA1 may act as receptor for class I MHC antigens.
Molecular Weight:	51.4 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.

## Application Details

Restrictions:	For Research Use only
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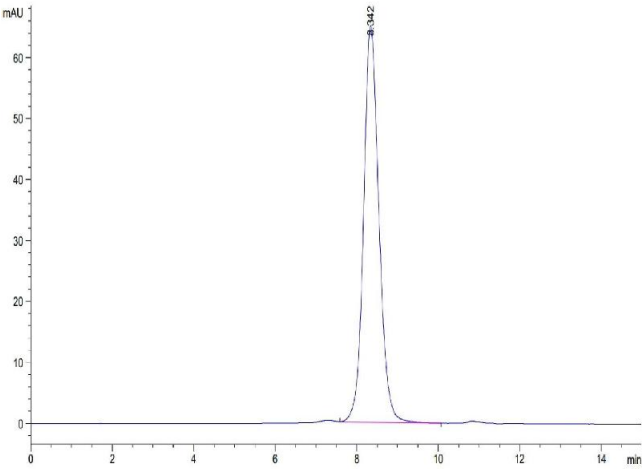
## Handling

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 LILRA1 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 LILRA1 is greater than 95 % as determined by SEC-HPLC.