

Datasheet for ABIN7275166

**LILRB1 Protein (AA 116-461) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	LILRB1
Protein Characteristics:	AA 116-461
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRB1 protein is labelled with His tag.

## Product Details

Purpose:	Human LILRB1/CD85j/ILT2 Protein
Sequence:	Leu116-Val461
Characteristics:	Recombinant Human LILRB1/CD85j/ILT2 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Leu116-Val461.
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:	LILRB1
Alternative Name:	LILRB1 ( <a href="#">LILRB1 Products</a> )

## Target Details

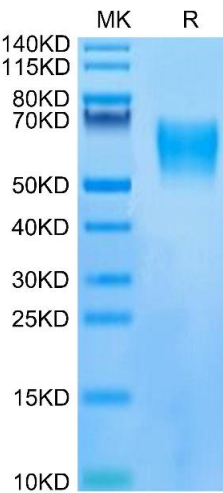
Background:	LILRB1, also known as CD85j and IL-T2, is a 110 kDa transmembrane glycoprotein in the LILR immunoregulatory protein family. Mature human LILRB1 consists of a 438 amino acid (aa) extracellular domain (ECD) with 4 tandem Ig-like domains, a 21 aa transmembrane segment, and a 168 aa cytoplasmic domain with 4 inhibitory ITIM motifs.LILRB1 is a receptor for class I MHC antigens.
Molecular Weight:	38.15 kDa. Due to glycosylation, the protein migrates to 55-68 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

## Application Details

Restrictions:	For Research Use only
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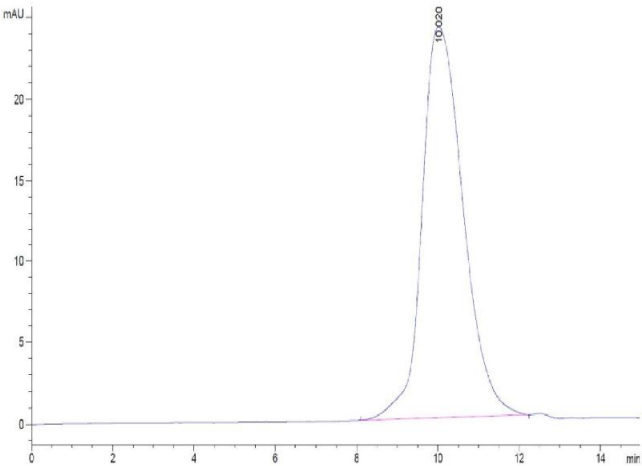
## Handling

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 LILRB1/CD85j/ILT2 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 LILRB1/CD85j/ILT2 is greater than 95 % as determined by SEC-HPLC.