

Datasheet for ABIN7275193

LILRB5 Protein (AA 18-456) (His-Avi Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	LILRB5
Protein Characteristics:	AA 18-456
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRB5 protein is labelled with His-Avi Tag.

Product Details

Purpose:	Human LILRB5/CD85c/LIR-8 Protein
Sequence:	Arg18-His456
Characteristics:	Recombinant Human LILRB5/CD85c/LIR-8 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Arg18-His456.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	LILRB5
Alternative Name:	LILRB5 (LILRB5 Products)

Target Details

Background: LILRB5, also known as CD85c and LIR-8, belongs to a family of transmembrane glycoproteins that negatively regulate immune cell activation. Mature human LIR-8 consists of a 435 amino acid (aa) extracellular domain with four Ig-like domains, a 21 aa transmembrane segment, and a 111 aa cytoplasmic domain with two immunoreceptor tyrosine-based inhibitory motifs (ITIM). LILRB5 may act as receptor for class I MHC antigens.

Molecular Weight: 49.9 kDa. Due to glycosylation, the protein migrates to 67-72 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

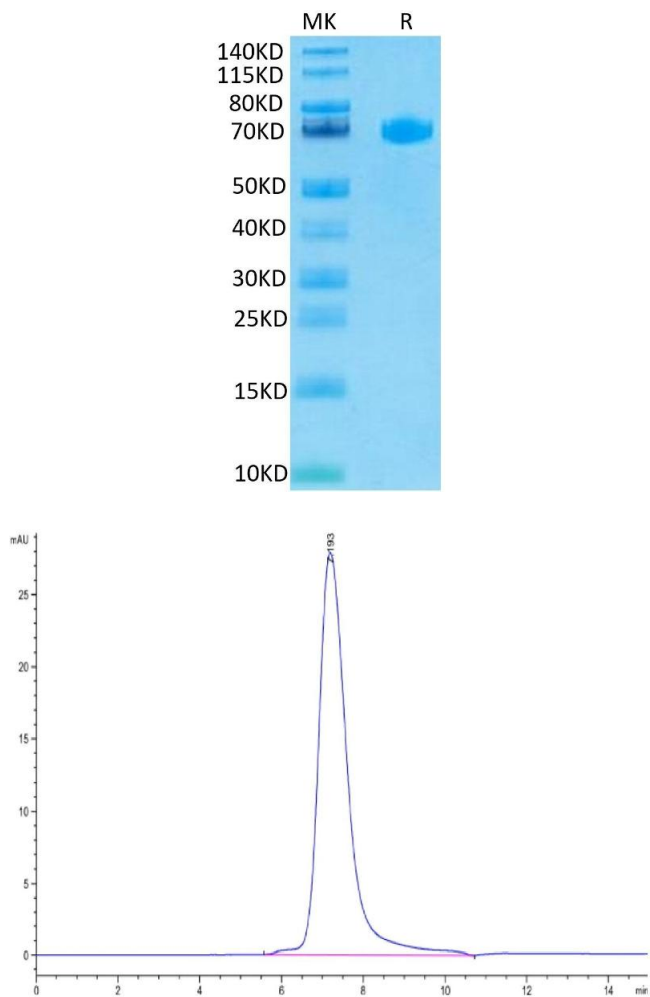
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

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 LILRB5 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 LILRB5 is greater than 95 % as determined by SEC-HPLC.