

Datasheet for ABIN7275174

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

## 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,Biotin. |

## Product Details

|                  |   |
|------------------|---|
| Purpose:         | Biotinylated Human LILRA1/CD85i/LIR-6 Protein   |
| Sequence:        | Pro17-Asn461  |
| Characteristics: | Recombinant Biotinylated 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

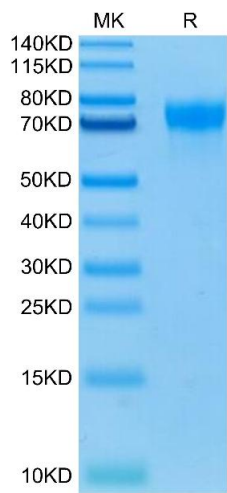
|                   |  |
|-------------------|--|
| Background:       | LILRA1, also known as CD85i and LIR-6, is an approximately 70 kDa variably glycosylated transmembrane protein that regulates immune cell activation. Mature human LILRA1 consists of a 445 amino acid (aa) extracellular domain (ECD) 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 |
|---------------|-----------------------|

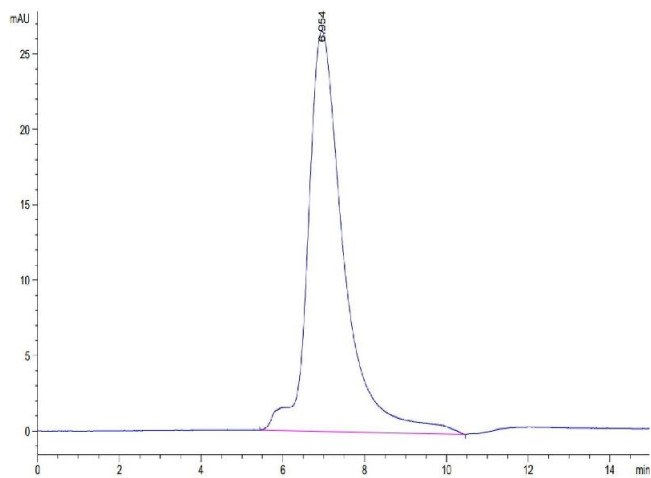
## Handling

|                  |   |
|------------------|---|
| 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.** Biotinylated 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 Biotinylated Human LILRA1 is greater than 95 % as determined by SEC-HPLC.