

Datasheet for ABIN7275177

LILRA3 Protein (AA 24-439) (His-Avi Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	LILRA3
Protein Characteristics:	AA 24-439
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRA3 protein is labelled with His-Avi Tag.

Product Details

Purpose:	Human LILRA3/CD85e Protein
Sequence:	Gly24-Glu439
Characteristics:	Recombinant Human LILRA3/CD85e Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Gly24-Glu439.
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:	LILRA3
Alternative Name:	LILRA3 (LILRA3 Products)

Target Details

Background: Human LILRA3, also known as Leukocyte Ig-like receptor 4 (LIR-4), CD85 antigen-like family member E, Immunoglobulin-like transcript 6 (ILT-6) and monocyte inhibitory receptor HM43/HM31, is a 70 kD Ig superfamily member that belongs to the leukocyte receptor complex/cluster. Mature LILRA3 is 416 amino acids (aa) in length and contains four C2-type Ig-like domains. Unlike other LILR family members, LILRA3 is actively secreted. LILRA3 acts as soluble receptor for class I MHC antigens. LILRA3 binds both classical and non-classical HLA class I molecules but with reduced affinities compared to LILRB1 or LILRB2. Binds with high affinity to the surface of monocytes, leading to abolish LPS-induced TNF-alpha production by monocytes.

Molecular Weight: 47.9 kDa. Due to glycosylation, the protein migrates to 68-72 kDa based on Tris-Bis PAGE result.

UniProt: [Q8N6C8](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

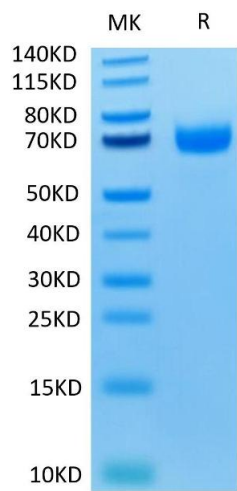
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

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 LILRA3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .