

Datasheet for ABIN7274155

IREM1 Protein (AA 20-156) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IREM1
Protein Characteristics:	AA 20-156
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IREM1 protein is labelled with Fc Tag.

Product Details

Purpose:	Human CD300LF Protein
Sequence:	Thr20-Ser156
Characteristics:	Recombinant Human CD300LF Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Thr20-Ser156.
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:	IREM1
Alternative Name:	CD300LF (IREM1 Products)

Target Details

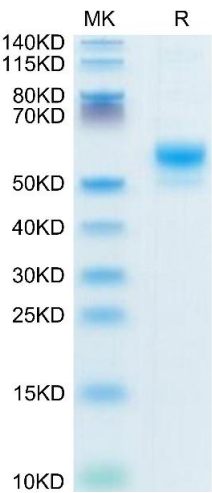
Background:	Murine norovirus (MNoV) is an important model of human norovirus (HNoV) and mucosal virus infection more broadly. CD300If as a proteinaceous receptor for MNoV. Interestingly, its paralogue CD300Id was also sufficient for MNoV infection in vitro. CD300If is essential for both oral and parenteral MNoV infection and to elicit anti-MNoV humoral responses in vivo. human CD300If (huCD300If) is not essential for HNoV infection, nor does huCD300If inhibit binding of HNoV virus-like particles to glycans.
Molecular Weight:	42.1 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions:	For Research Use only
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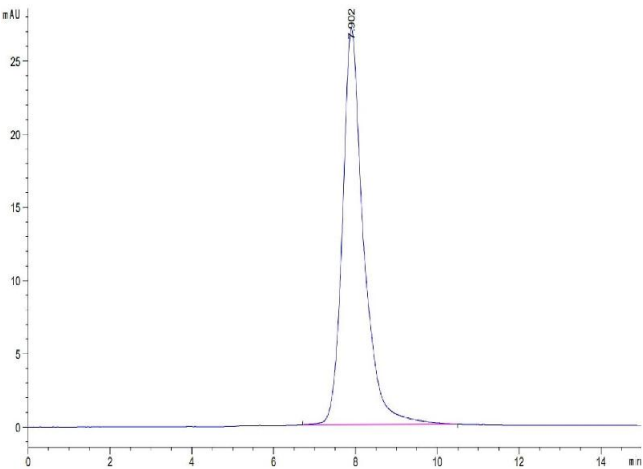
Handling

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 CD300LF 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 CD300LF is greater than 95 % as determined by SEC-HPLC.