

Datasheet for ABIN7274640

FGL1 Protein (AA 23-312) (Fc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	FGL1
Protein Characteristics:	AA 23-312
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGL1 protein is labelled with Fc Tag.

Product Details

Purpose:	Cynomolgus FGL1 Protein
Sequence:	Leu23-Ile312
Characteristics:	Recombinant Cynomolgus FGL1 Protein is expressed from HEK293 with hFc at the N-Terminus. It contains Leu23-Ile312.
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:	FGL1
Alternative Name:	FGL1 (FGL1 Products)

Target Details

Background:	Fibrinogen-like protein 1 (FGL-1) is a protein that is structurally related to fibrinogen. In humans, FLG-1 is encoded by the FGL1 gene.Fibrinogen-like protein 1 is a member of the fibrinogen family of proteins, which also includes fibrinogen, fibrinogen-like protein 2, and clotting factors V, VIII, and XIII.Fibrinogen-like Protein 1 is a major immune inhibitory ligand of LAG-3.
Molecular Weight:	55.5 kDa. Due to glycosylation, the protein migrates to 62-68 kDa based on Tris-Bis PAGE result.

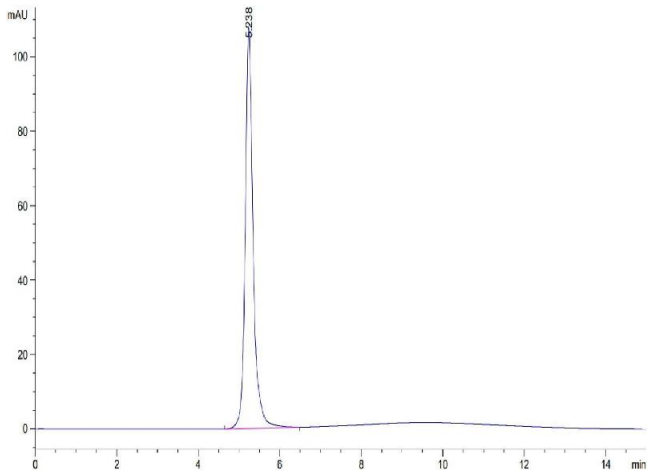
Application Details

Restrictions:	For Research Use only
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Handling

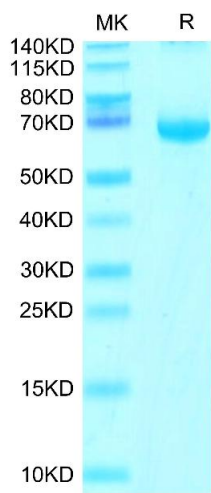
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant 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

Images



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Cynomolgus FGL1 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Cynomolgus FGL1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .