

Datasheet for ABIN7274641

FGL1 Protein (AA 64-305) (Fc Tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FGL1
Protein Characteristics:	AA 64-305
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGL1 protein is labelled with Fc Tag.

Product Details

Purpose:	Human FGL1 Protein
Sequence:	Asp64-Asn305
Characteristics:	Recombinant Human FGL1 Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Asp64-Asn305.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human LAG3, His Tag at 1 µg/ml (100 µl/Well) on the plate. Dose response curve for Human FGL1, hFc Tag with the EC50 of 2.3 µg/ml determined by ELISA. See testing image for detail.

Target Details

Target:	FGL1
Alternative Name:	FGL1 (FGL1 Products)
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:	54.8 kDa. Due to glycosylation, the protein migrates to 60-66 kDa based on Tris-Bis PAGE result.
UniProt:	Q08830

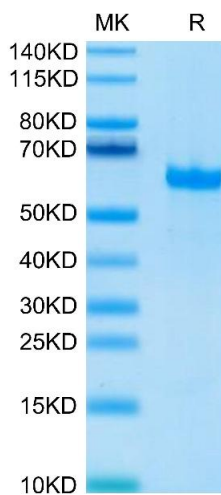
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 20 mM PB, 250 mM NaCl (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images

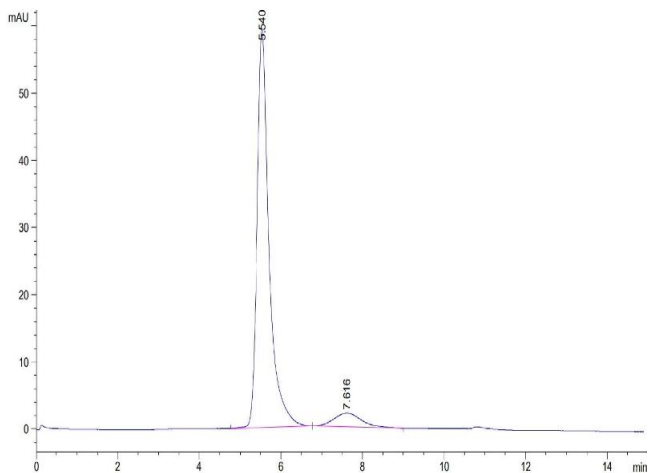


SDS-PAGE

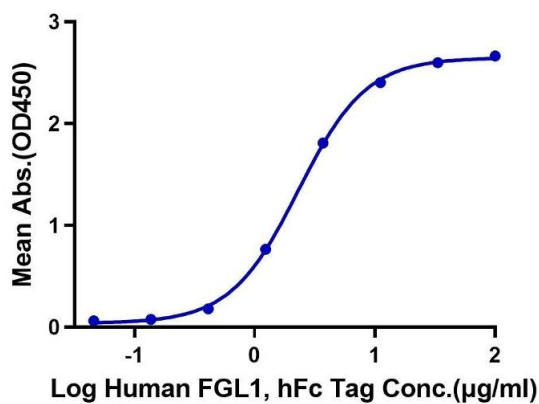
Image 1. Human FGL1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human LTBR is greater than 92 % as determined by SEC-HPLC.



Human FGL1, hFc Tag ELISA
0.1µg Human LAG3, His Tag Per Well



ELISA

Image 3. Immobilized Human LAG3, His Tag at 1 µg/mL (100 µL/Well) on the plate. Dose response curve for Human FGL1, hFc Tag with the EC50 of 2.3 µg/mL determined by ELISA.