

Datasheet for ABIN7274643

FGL1 Protein (AA 64-305) (His-Avi Tag,Biotin)**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 His-Avi Tag,Biotin.

Product Details

Purpose:	Biotinylated Human FGL1 Protein
Sequence:	Asp64-Asn305
Characteristics:	Recombinant Biotinylated Human FGL1 Protein is expressed from HEK293 with His tag and Avi tag at the N-Terminus.It contains Asp64-Asn305.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human LAG3, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human FGL1, His Tag with the EC50 of 2.60ug/ml determined by ELISA. See testing image for detail.

Target Details

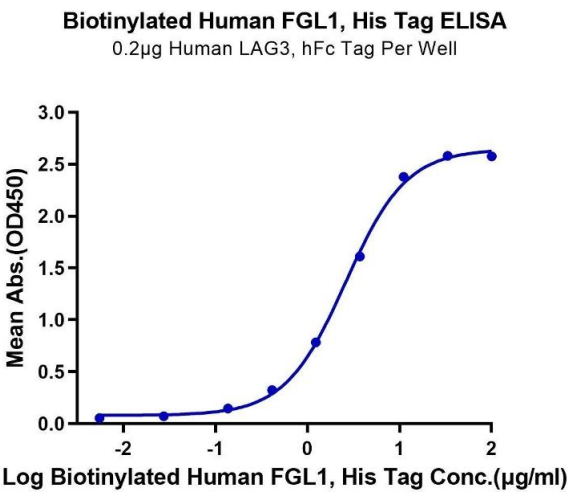
Target:	FGL1
Alternative Name:	FGL1 (FGL1 Products)
Background:	Fibrinogen-like protein 1 (FGL-1) is a protein that is structurally related to fibrinogen. In humans, FLG-1 is encoded by the FGL1 gene. Fibrinogen-like protein 1 is a member of the fibrinogen family of proteins, which also includes fibrinogen, 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:	31.9 kDa same as Tris-Bis PAGE result.
UniProt:	Q08830

Application Details

Restrictions:	For Research Use only
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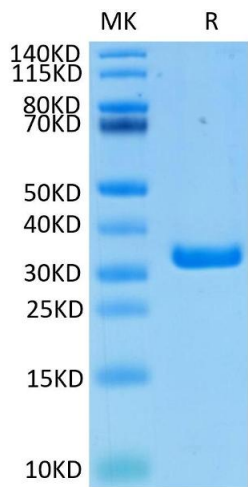
Handling

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



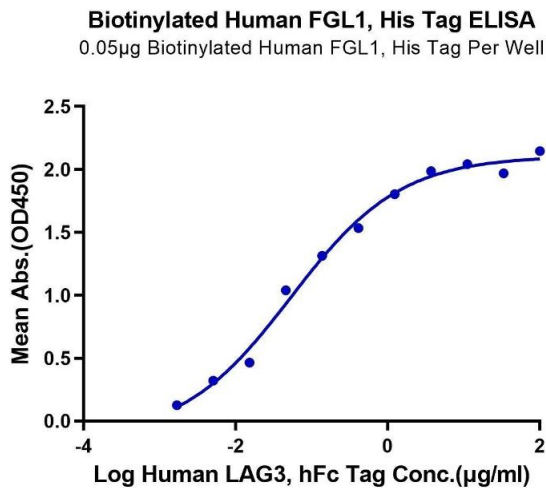
ELISA

Image 1. Immobilized Human LAG3, hFc Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human FGL1, His Tag with the EC50 of 2.60 µg/mL determined by ELISA.



SDS-PAGE

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



ELISA

Image 3. Immobilized Biotinylated Human FGL1 at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Human LAG3, hFc Tag with the EC50 of 53.3 ng/mL determined by ELISA.