

Biotinylated Human FGL1 Protein

Cat. No. FGL-HM411B

Description

Source	Recombinant Biotinylated Human FGL1 Protein is expressed from HEK293 with His tag and Avi tag at the N-Terminus. It contains Asp64-Asn305.
Accession	Q08830
Molecular Weight	The protein has a predicted MW of 31.9 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

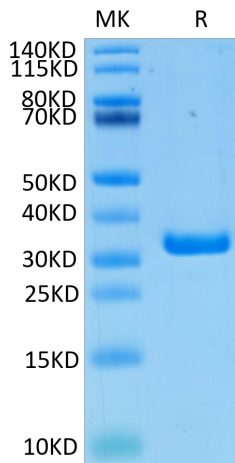
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

Assay Data

Bis-Tris PAGE

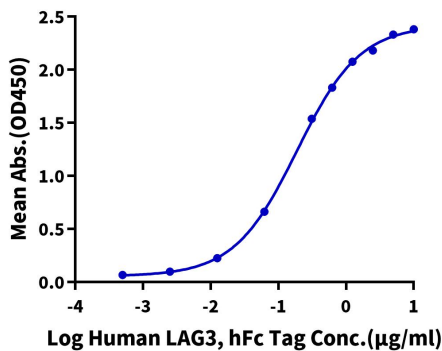


Biotinylated Human FGL1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%..

ELISA Data

Biotinylated Human FGL1, His Tag ELISA

0.5µg Biotinylated Human FGL1, His Tag Per Well



Immobilized Biotinylated Human FGL1, His Tag at 5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human LAG3, hFc Tag with the EC50 of 0.19µg/ml determined by ELISA (QC Test).