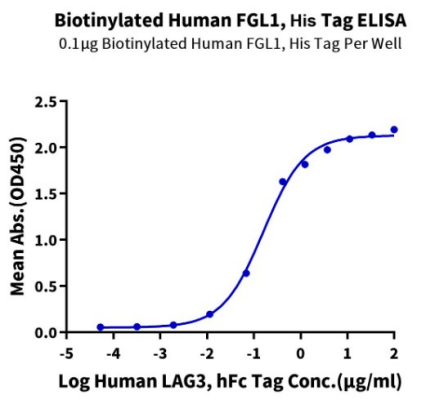
Bioactive HuPro®

FGL1 (Human) Recombinant Protein (Biotin)

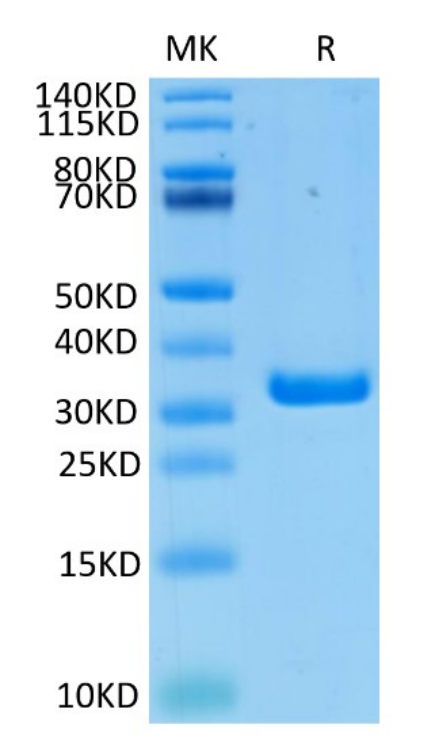
Catalog # P10409 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized Biotinylated Human FGL1, His Tag at 1 ug/mL (100 uL/well) on the streptavidin precoated plate (5 ug/mL). Dose response curve for Human LAG3, hFc Tag with the EC_{50} of 0.16 ug/mL determined by ELISA.



Tris-Bis PAGE

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

Specification

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Product Description	Human FGL1 (Q08830, Asp64-Asn305) partial recombinant protein with His-Avi tag at the N-Terminus expressed in HEK293 cells.
Sequence	Asp64-Asn305
Host	Human
Theoretical MW (kDa)	31.9
Reactivity	Human
Form	Lyophilized
Conjugation	Biotin
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by Tris-Bis PAGE
Endotoxin Level	< 0.1 EU per 1 ug as determined by the LAL method.
Activity	The EC_{50} was 0.16 ug/mL, measured by ELISA at 1 ug/mL.
Recommend Usage	Biological Activity ELISA Tris-Bis PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.22 um filtered solution in PBS, pH 7.4. (8% trehalose).
Storage Instruction	Store at -20°C for 12 months. After reconstitution, store at 4°C for 2-7 days, or store at -80°C for 3-6 months. Aliquot to avoid repeated freezing and thawing.
Note	Please use within one month after protein reconstitution.

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay

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Gene Info — FGL1

Entrez GeneID	2267
Protein Accession#	Q08830
Gene Name	FGL1
Gene Alias	HFREP1, HP-041, LFIRE1, MGC12455
Gene Description	fibrinogen-like 1
Omim ID	605776
Gene Ontology	Hyperlink
Gene Summary	Fibrinogen-like 1 is a member of the fibrinogen family. This protein is homologous to the carboxy t erminus of the fibrinogen beta- and gamma- subunits which contains the four conserved cysteines of fibrinogens and fibrinogen related proteins. However, this protein lacks the platelet-binding site, cross-linking region and a thrombin-sensitive site which are necessary for fibrin clot formation. Thi s protein may play a role in the development of hepatocellular carcinomas. Four alternatively splic ed transcript variants encoding the same protein exist for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000122468|hepassocin|hepatocellular carcinoma-related sequence|hepatocyte-deri ved fibrinogen-related protein 1

Disease

- Carcinoma
- Cardiovascular Diseases
- Coronary Disease
- Diabetes Mellitus
- Disease Progression
- Edema
- Genetic Predisposition to Disease
- Hepatitis C
- Liver Neoplasms

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- Tobacco Use Disorder
- Viremia

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