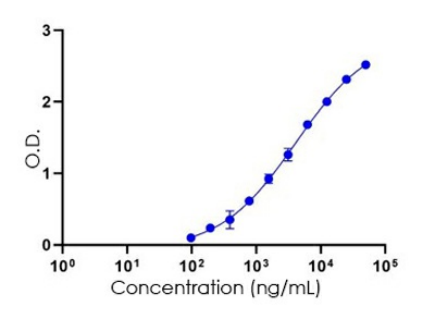
Bioactive HuPro®

FGL1 (Human) Recombinant Protein

Catalog # P7617 Size 50 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description	Human FGL1 (Q08830, 23 a.a. - 312 a.a.) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.
Sequence	LEDCAQEQMRLRAQVRLLETRVKQQQVKIKQLLQENEVQFLDKGDENTVIDLGSKRQYADCSEIF NDGYKLSGFYKIKPLQSPAEFSVYCDMSDGGGWTVIQRRSDGSENFNRGWKDYENGFGNFVQK HGEYWLGNKNLHFLTTQEDYTLKIDLADFEKNSRYAQYKNFKVGDEKNFYELNIGEYSGTAGDSLA GNFHPEVQWWASHQRMKFSTWDRDHDNYEGNCAEEDQSGWWFNRCHSANLNGVYYSGPYTA KTDNGIVWYTWHGWWYSLKSVVMKIRPNDFIPNVI
Host	Mammals
Theoretical MW (kDa)	61.8
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by gel clotting method)
Activity	Immobilized h_LAG3 at 5.0 ug/mL (100 uL/well) can bind FGL1, hFc, Human with a linear range of 0.097–50 ug/mL when detected by Mouse Anti-Human IgG Fc-HRP.

Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

Applications

- Functional Study
- SDS-PAGE

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
- Tobacco Use Disorder
- Viremia