

Recombinant Human FGL1 protein, His-tagged

Cat. No. FGL1-8243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGL1 aa. (Leu23~Ile312) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu23~Ile312
Description	Fibrinogen-like 1 is a member of the fibrinogen family. This protein is homologous to the carboxy terminus 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. This protein may play a role in the development of hepatocellular carcinomas. Four alternatively spliced transcript variants encoding the same protein exist for this gene.
Form	Freeze-dried powder
Molecular Mass	41kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>92%

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Characteristic	The isoelectric point is 5.5.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage Buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	FGL1 fibrinogen like 1 [Homo sapiens (human)]
Official Symbol	FGL1
Synonyms	FGL1; fibrinogen like 1; HFREP1; HP-041; LFIRE1; LFIRE-1; fibrinogen-like protein 1; hepassocin; hepatocellular carcinoma-related sequence; hepatocyte-derived fibrinogen-related protein 1; liver fibrinogen-related protein 1
Gene ID	2267

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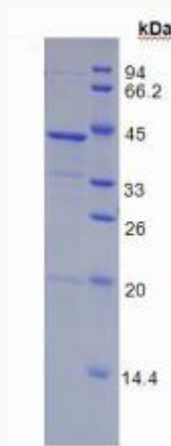
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mRNA Refseq [NM_004467.3](#)

Protein Refseq [NP_004458.3](#)

UniProt ID [Q08830](#)

SDS-PAGE



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