

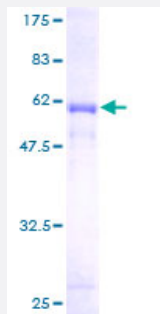
Full-Length

## FGL1 (Human) Recombinant Protein (P01)

Catalog # H00002267-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human FGL1 full-length ORF ( AAH07047, 19 a.a. - 312 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

EISALEDCAQEQMRLRAQVRLLLETRVKQQQVKIKQLLQENEVQFLDKGDENTVIDLGSKRQYADC  
SEIFNDGYKLSGFYKIKPLQSPAEFVYCDMSDGGGWTVIQRRSDGSENFNRGWKDYENGFGNF  
VQKHGEYWLGNKNLHFLTQEDYTLKIDLADFEKNSRYAQYNFKVGDEKNFYELNIGEYSGTAGD  
SLAGNFHPEVQWWASHQRMKFSTWDRDHDNYEGNCAEEDQSGWWFNRCHSANLNGVYYSGP  
YAKTDNGIVWYTWHGWWYSLKSVVMKIRPNDFIPNVI

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

57.97

#### Interspecies Antigen Sequence

Mouse (84)

#### Preparation Method

[in vitro wheat germ expression system](#)

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

#### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — FGL1

**Entrez GeneID**[2267](#)**GeneBank Accession#**[BC007047](#)**Protein Accession#**[AAH07047.1](#)**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 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. [provided by RefSeq]

**Other Designations**

OTTHUMP00000122468|hepassocin|hepatocellular carcinoma-related sequence|hepatocyte-derived fibrinogen-related protein 1

## Disease

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