

Recombinant Full Length Human FGL1 Protein, C-Flag-tagged

Cat. No. FGL1-184HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FGL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	34 kDa
AA Sequence	MAKVFSFILVTTALTMGREISALEDCAQEQMRLRAQVRLLETRVKQQQVKIKQLLQE NEVQFLDKGDENT VIDLGSKRQYADCSEIFNDGYKLSGFYKIKPLQSPAEFVSVCMD SDGGGWTVIQRRSDGSENFNRGWKDY ENGFGNFVQKHGEYWLGNKNLHFLTQ EDYTLKIDLADFEKNSRYAQYKNFKVGDEKNFYELNIGEYSGT AGDSLGNFHFPEV QWWASHQRMKFSTWDRDHDNYEGNCAEEDQSGWWFNRCHSANLNGVYYSGPY TAKTD

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	NGIVWYTWHGWWYSLKSVVMKIRPNDFIPNVITRTRPLEQKLISEEDLAANDILDYKD DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	FGL1 fibrinogen like 1 [Homo sapiens (human)]
Official Symbol	FGL1
Synonyms	HPS; HFREP1; HP-041; LFIRE1; LFIRE-1
Gene ID	2267
mRNA Refseq	NM_004467.4

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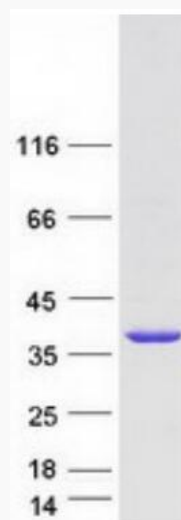
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Protein Refseq NP_004458.3

MIM 605776

UniProt ID Q08830



Coomassie blue staining of purified FGL1 protein.

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