

Recombinant Human FGL1 Protein, His-tagged

Cat. No. FGL1-12886H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGL1 Protein is produced by E. coli-derived, PET28a expression system. This protein is fused with a His tag.
Species	Human
Source	E.coli
ProteinLength	1-312 aa
Form	The purified protein was Lyophilized from sterile PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MAKVFSFILVTTALTMGREISALEDCAQEQMRLRAQVRLLETRVKQQQVKIKQLLQE NEVQFLDKGDENTVIDLGSKRQYADCSEIFNDGYKLSGFYKIKPLQSPAEFVSYCDM SDGGGWTVIQRRSDGSENFNRGWKDYENGFGNFVQKHGEYWLGNKNLHFLTQTQE DYTLKIDLADFEKNSRYAQYKNFKVGDEKNFYELNIGEYSGTAGDSLGNFHFPEVQ WWASHQRMKFSTWDRDHDNYEGNCAEEDQSGWWFNRCHSANLNGVYYSGPYT AKTDNGIVWYTWHGWWYSLKSVVMKIRPNDFIPNVI
Purity	> 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store for up to 12 months at -20 to -80 centigrade as lyophilized powder. Short-term storage: Store at 2-8 centigrade for (1-2 weeks). Long-term storage: Aliquot and store at -20 to -80 centigrade for up to 3 months,

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buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).
 If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).
 Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

GENE INFORMATION

Gene Name FGL1 fibrinogen-like 1 [Homo sapiens]

Official Symbol FGL1

Synonyms FGL1; fibrinogen-like 1; HFREP 1; hepassocin; HFREP1; HP-041; LFIRE1; LFIRE-1; MGC12455;

Gene ID 2267

mRNA Refseq NM_004467

Protein Refseq NP_004458

MIM 605776

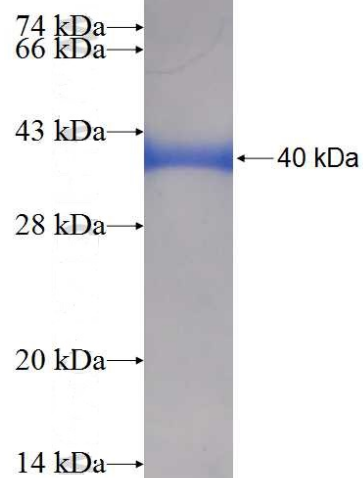
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UniProt ID

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