



Recombinant Human FGL1 Protein Product Manual

1. Product Basic Information

Product No.: REP06888

Protein Name: Hepatocyte-Derived Fibrinogen-Related Protein 1 (FGL1)

Aliases: HPS; HFREP1; HP-041; LFIRE1; LFIRE-hepassocin; hepatocyte-derived fibrinogen-related protein 1

UniProt ID: Q08830

UniProt Link: <https://www.uniprot.org/uniprotkb/Q08830/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length of Mature Protein (23-312aa)

Molecular Weight: 64.1 kDa

Protein Tag: C-terminal hFc1-Myc-tagged

2. Amino Acid Sequence (23-312aa)

LEDCAQEQMRLRAQVRLLLETRVKQQQVKIKQLLQENEVQFLDKGDENTVIDLGSKR
QYADCSEIFNDGYKLSGFYKIKPLQSPAEFVYCDMSDGGGWTVIQRRSDGSENF
NRGWKDYENGFGNFVQKHGEYWLGNNKLNHFLTQEDYTLKIDLADFEKNSRYAQY
KNFKVGDEKNFYELNIGEYSGTAGDSLGNFHPFVQWWASHQRMKFSTWDRDHD
NYEGNCAEEDQSGWWFNRCHSANLNGVYYSGPYTAKTDNGIVWYTWHGWWYSL
KSVVMKIRPNDIFPNVI

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human FGL1 full length of mature protein protein (23-312aa) expressed in Mammalian cell. The protein is with hFc1-Myc tag at the C-terminus, which facilitates protein purification, detection and identification. FGL1, also known as HPS or HFREP1 or HP-041, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.