



Recombinant Cat FGB Protein Product Manual

1. Product Basic Information

Product No.: REP06880

Protein Name: Fibrinogen Beta Chain (FGB)

Aliases: beta-fibrinogen; fibrinogen beta chain; fibrinogen, B beta polypeptide; epididymis secretory sperm binding protein Li 78p

UniProt ID: P02675

UniProt Link: <https://www.uniprot.org/uniprotkb/P02675/entry>

Species Source: Felis catus (Cat) (Felis silvestris catus)

Expression System: E.coli

Protein Length: Full Length (1-20aa)

Molecular Weight: 17.7 kDa

Protein Tag: N-terminal 6xHis-KSI-tagged

2. Amino Acid Sequence (1-20aa)

IIDYYDEGEEDRDVGVDAR

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

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 Cat FGB full length protein (1-20aa) expressed in E.coli. The protein is with 6xHis-KSI tag at the N-terminus, which facilitates protein purification, detection and identification. FGB, also known as beta-fibrinogen or fibrinogen beta chain or fibrinogen, B beta polypeptide, 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.