



Recombinant Human HBG2 Protein Product Manual

1. Product Basic Information

Product No.: REP07083

Protein Name: Hb F Ggamma (HBG2)

Aliases: TNCY; HBG-T1; hb F Ggamma; gamma globin; methemoglobin; gamma-2-globin; gamma-globin chain; abnormal hemoglobin; hemoglobin, gamma G-gamma globin Paulinia; hemoglobin gamma-2 chain; hemoglobin gamma-G...

UniProt ID: P69892

UniProt Link: <https://www.uniprot.org/uniprotkb/P69892/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-147aa)

Molecular Weight: 23.0 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (2-147aa)

GHFTEEDKATITSLWGKVNVEDAGGETLGRLLVVYPWTQRFFDSFGNLSSASAIMG
NPKVKAHGKKVLTSLGDAIKHLLDLKGTFAQLSELHCDKLHVDPENFKLLGNVLVTV
LAIHFGKEFTPEVQASWQKMVTGVSALSSRYH

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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 Human HBG2 full length of mature protein protein (2-147aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. HBG2, also known as TNCY or HBG-T1 or hb F Ggamma, 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.