Recombinant Human F8 Protein Product Manual

1. Product Basic Information

Product No.: REP06822

Protein Name: Factor Viii F8B (F8)

Aliases: AHF; F8B; F8C; HEMA; FVIII; THPH13; DXS1253E; factor VIII F8B; antihemophilic factor; coagulation factor VIII; coagulation factor VIIIc; coagulation factor VIII A1 domain; coagulation factor VIII C2 d...

UniProt ID: P00451

UniProt Link: https://www.uniprot.org/uniprotkb/P00451/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Isoform 2 (1-216aa)

Molecular Weight: 56.2 kDa

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

2. Amino Acid Sequence (1-216aa)

MRIQDPGKVFFGNVDSSGIKHNIFNPPIIARYIRLHPTHYSIRSTLRMELMGCDLNSC
SMPLGMESKAISDAQITASSYFTNMFATWSPSKARLHLQGRSNAWRPQVNNPKEW
LQVDFQKTMKVTGVTTQGVKSLLTSMYVKEFLISSSQDGHQWTLFFQNGKVKVFQ
GNQDSFTPVVNSLDPPLLTRYLRIHPQSWVHQIALRMEVLGCEAQDLY

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 Human F8 full length of isoform 2 protein (1-216aa) expressed in E.coli. The protein is with 6xHis-GST tag at the N-terminus, which facilitates protein purification, detection and identification. F8, also known as AHF or F8B or F8C, 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.