



Recombinant Human F13A1 Protein Product Manual

1. Product Basic Information

Product No.: REP06817

Protein Name: Factor Xiiia (F13A1)

Aliases: TGase; factor XIIIa; fibrinoligase; FSF, A subunit; coagulation factor XIIIa; transglutaminase A chain; transglutaminase. plasma; coagulation factor XIII A chain; fibrin stabilizing factor, A subunit;...

UniProt ID: P00488

UniProt Link: <https://www.uniprot.org/uniprotkb/P00488/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length of Mature Protein (39-732aa)

Molecular Weight: 81.2kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (39-732aa)

GVNLQEFLNVTSVHLFKERWDTNKVDHHTDKYENNKLVRRGQSFYVQIDFSRPYD
PRRDLFRVEYVIGRYPQENKGTYIPVPIVSELQSGKWGAKIVMREDRSVRLSIQSSP
KCIVGKFRMYVAVWTPYGVLRTSRNPETDTYILFNPWCEDDAVYLDNEKEREEYVL
NDIGVIFYGEVNDIKTRWSYGGFEDGILDTCLYVMDRAQMDLSGRGNPIKVS RVG
SAMVNAKDDEGVLVGSWDNIYAYGVPPSAWTGSVDILLE YRSEN PVRYGQCWVF
AGVFNTFLRCLGIPARIVTNYFSAHDNDANLQMDIFLEEDGNVNSKLT KDSVWNYH
CWNEAWMTRPDLPVGFGGWQAVDSTPQENS DGM YRCGPASVQA IKGHGHVCFQF
DAPFVFAEVNSDLIYITAKKD GTHVVENVDATHIGKLIVTKQIGDGMMDITDTYKFQ
EGQEEERLALETALMYGAKKPLNTEGVMKSRSNVDMDFEVENAVLGKDFKLSITFR
NNSHNRYTITAYLSANITFYTGVPKAEFKKETFDVTLEPLSFKKEAVLIQAGEYMGQL
LEQASLHFFVTARINETRDVLAKQKSTVLT IPEIIKVRGTQVVGSDMTVTVQFTNPLK
ETLRNVVHLDGPGVTRPMKKMFREIRPNSTVQWEEVCRPWVSGHRKLIASMSS
DSL RHVYGELDVQIQRRPSM

3. Storage Buffer



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

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 F13A1 full length of mature protein protein (39-732aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. F13A1, also known as TGase or factor XIIIa or fibrinolyticase, 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.