



Recombinant Human FREM1 Protein Product Manual

1. Product Basic Information

Product No.: REP06930

Protein Name: Extracellular Matrix Protein Qbrick (FREM1)

Aliases: BNAR; MOTA; TRIGNO2; C9orf143; C9orf145; C9orf154; extracellular matrix protein QBRICK

UniProt ID: Q5H8C1

UniProt Link: <https://www.uniprot.org/uniprotkb/Q5H8C1/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length (1-715aa)

Molecular Weight: 91.3 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-715aa)

MVTQESMLKAALPLFTRFIISNGLRTEHGVFEITLETVDRALPVVTRNKGLRLAQQGAV
GLLSPDLLQLTDPDTPAENLTFLVQLPQHGGQLYLWGTGLLQHNFTQQDVDSKNVA
YRHSGGDSQTDCFTFMATDGTNQGFIVNGRVWEEPVLFTIQVDQLDKTAPRITLLH
SPSQVGLLKNGCYGIYITSRLKASDPDTEDDQIIFKILQGPKHGHLENTTTGEFIHEK
FSQKDLNSKITLYIINPSLEVNSDTEVFQIMDPTGNSATPQILELKWSHIEWSQTEYE
VCENVGLLPLEIIRRGYSMDSAFVGIVNQVSAAVGKDFTVIPSCLIQFDPGMSTKM
WNIATYDGLEEDDEVFEVILNSPVNAVLTGKTAAVKILDSKGGQCHPSYSSNQSK
HSTWEKGIWHLLPPGSSSSTTSGSFHLERRPLPSSMQLAVIRGDTLRGFDSTDLSQ
RKLRTRGNGKTVRPSSVYRNGTDIIYNYHGIVSLKLEDDSFPTHKRKAKVSIISQPQK
TIKVAELPQADKVESTTDSHFPRQDQLPSFPKNCTLELKGLFHFEEGIQKLYQCNGI
AWKAWSPQTKDVEDKSCPAWHQHSGYCHILITEQKGTWNAAAQACREQYLGNL
VTVFSRQHMRWLWDIGGRKSWIGLNDQVHAGHWEWIGGEPVAFTNGRRGPSQ
RSKLGKSCVLVQRQGKWQTKDCRRAPHNVCYCSRKL

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9
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 FREM1 full length protein (1-715aa) expressed in Mammalian cell. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. FREM1, also known as BNAR or MOTA or TRIGNO2, 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.