



Recombinant Human FXR1 Protein Product Manual

1. Product Basic Information

Product No.: REP06940

Protein Name: Fmr1 Autosomal Homolog Rna-Binding Protein Fxr1 (FXR1)

Aliases: FXR1P; CMYO9A; CMYO9B; CMYP9A; CMYP9B; MYOPMIL; MYORIBF; FMR1 autosomal homolog RNA-binding protein FXR1; FMR1 autosomal protein-like protein 1

UniProt ID: P51114

UniProt Link: <https://www.uniprot.org/uniprotkb/P51114/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-621aa)

Molecular Weight: 70.5 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-621aa)

MAELTVEVRGSNGAFYKGFIKDVHEDSLTVVFENNWQPERQVPFNEVRLPPPPDIK
KEISEGDEVEVYSRANDQEPGWWLAKVRMMKGEFYVIEYAACDATYNEIVTFERL
RPVNQNKTVKKNTFFKCTVDVPEDLREACANENAHKDFKKAVGACRIFYHPETTQL
MILSASEATVKRVNLSMDHLRSIRTKLMLMSRNEEATKHLECTKQLAAAFHEEFVV
REDLMGLAIGTHGSNIQQARKVPGVTAIELDEDGTGFRIYGESADAVKKARGFLEFV
EDFIQVPRNLVGKVIGKNGKVIQEIVDKSGVVRVRIEGDNENKLPREDGMVPFVFG
TKESIGNVQVLLEYHIAYLKEVEQLRMERLQIDEQLRQIGSRSYSGRGRGRRGPNYT
SGYGTNSELSNPSETESERKDELSDWSLAGEDDRDSRHQRDSRRRPGGGRGRSVS
GGRGRGGPRGGKSSISSVLKDPDSNPYSLLDNTESDQTADTDASESHHSTNRRRR
SRRRRRTDEDAVLMDGMTESDTASVNEGLTVADYISRAESQSRQRNLPRETLAK
NKKEMAKDVIEEHGPSEKAINGPTSASGDDISKLRTPGEEKINTLKEENTQEAAVL
NGVS

3. Storage Buffer

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



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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 FXR1 full length protein (1-621aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. FXR1, also known as FXR1P or CMYO9A or CMYO9B, 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.