

Recombinant Full Length Human FXR1 Protein, GST-tagged

Cat. No. FXR1-587HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FXR1(1 a.a. - 621 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	621 amino acids
Description	The protein encoded by this gene is an RNA binding protein that interacts with the functionally-similar proteins FMR1 and FXR2. These proteins shuttle between the nucleus and cytoplasm and associate with polyribosomes, predominantly with the 60S ribosomal subunit. Three transcript variants encoding different isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	96.1 kDa
AA Sequence	MAELTVEVRG SNGAFYKGF I KDVHEDPLTV VFENNWQPER QVPFNEVRLP PPPDIKKEIS EGDEVEVYSR ANDQEP CGWW LAKVRMMKGE FYVIEYAACD ATYNEIVTFE RLRPVNQNK T VKKNTFFKCT VDVPEDLREA CANENAHKDF KKA VGACRIF YHPETTQLMI LSASEATVKR VNILSDMH LR SIRT KLMLMS RNEEATKHLE CTKQLAAAFH EEFVVREDLM GLAIGTHGSN IQQARKVPGV TAIELDEDTG TFRIYGESAD AVKKARGFLE FVEDFIQVPR NLVGK VIGKN

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GKVIQEIVDK SGVVRVRIEG DNENKLPRED GMVPFVFGT KESIGNVQVL
 LEYHIAYLKE VEQLRMERLQ IDEQLRQIGS RSYSGRGRGR RGPNYTSGYG
 TNSELSNPSE TESERKDELS DWSLAGEDDR DSRHQDRSRR RPPGGRGRSVS
 GGRGRGGPRG GKSSISSVLK DPDSNPYSLL DNTESDQTAD TDASESHHST
 NRRRRSRRRR TDEDAVLMDG MTESDTASVN ENGLVTVADY ISRAESQSRQ
 RNLPRETLAK NKKEMAKDVI EEHGPSEKAI NGPTSASGDD ISKLQRTSGE
 EKINTLKEEN TQEA AVLNGV S

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

FXR1 fragile X mental retardation, autosomal homolog 1 [Homo sapiens]

Official Symbol

FXR1

Synonyms

FXR1; fragile X mental retardation, autosomal homolog 1; fragile X mental retardation syndrome-related protein 1; hFXR1p; FXR1P

Gene ID

8087

mRNA Refseq

NM_001013438

Protein Refseq

NP_001013456

MIM

600819

UniProt ID

P51114

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