

Recombinant Full Length Human FXR2 Protein, GST-tagged

Cat. No. FXR2-5272HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FXR2 full-length ORF (AAH51907.1, 1 a.a. - 673 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	673 amino acids
Description	The protein encoded by this gene is a RNA binding protein containing two KH domains and one RCG box, which is similar to FMRP and FXR1. It associates with polyribosomes, predominantly with 60S large ribosomal subunits. This encoded protein may self-associate or interact with FMRP and FXR1. It may have a role in the development of fragile X mental retardation syndrome. [provided by RefSeq
Molecular Mass	100.6 kDa
AA Sequence	MGGLASGGDVEPGLPVEVRGSNGAFYKGFVKDVHEDSVTIFFENNWQSERQIPFG DVRLLPPPADYNKEITEGDEVEVYSRANEQEP CGWWLARVRMMKGD FYVIEYAACD ATYNEIVTLERLRPVNPNPLATKGSFFKV TMAVPEDLREACSNENVHKEFKKALGAN CIFLNITNSELFILSTTEAPVKRASLLGDMHFRSLRTKLLMSRNEEATKHLET SKQLA AAFQEEFTVREDLMGLAIGTHGANIHQARKVPGVTAIELGEETCTFRIYGETPEACRQ ARSYLEFSEDSVQVPRNLVGKVIGKNGKVIQEIVDKSGVVRVRVEGDNDKKNPREE GMVPFIFVGTRENISNAQALLEYHLSYLQEVEQLRLRLRLQIDEQLRQIGLGRPPGSG RGSGGSDKAGYSTDESSSSSLHATRTYGGSYGGRGRGRRTGGPAYGPSSDVSTA

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SETESEKREEPNRAGPGDRDPPTRGEESRRRPTGGRGRGPPAPRPTSRYNSSSI
 SSVLKDPDSNPYSLLDTSEPEPPVDSEPGEPASARRRRSRRRRTDEDRTVMDG
 GLESDGPNMTENGLEDESRPQRRNRSRRRRNRGNRTDGSISGDRQPVTVADYISR
 AESQSRQRPPLERTKPSEDSLSGQKGDSVSKLPKGPSENGELSAPLELGSMVNGV
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Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes
 Best use within three months from the date of receipt of this protein.

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

Storage Buffer
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name
[FXR2 fragile X mental retardation, autosomal homolog 2 \[Homo sapiens \]](#)

Official Symbol
[FXR2](#)

Synonyms
 FXR2; fragile X mental retardation, autosomal homolog 2; FMR1L2; fragile X mental retardation syndrome-related protein 2; fragile X-mental retardation 1-like 2; FXR2P;

Gene ID
[9513](#)

mRNA Refseq
[NM_004860](#)

Protein Refseq
[NP_004851](#)

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MIM	605339
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UniProt ID	P51116
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