

Recombinant Human FXR2, His-tagged

Cat. No. FXR2-26270TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 217-512 of Human FXR2 with N terminal His tag; 296 amino acids, 34kDa.
Species	Human
Source	E.coli
ProteinLength	217-512 a.a.
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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 117 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Store at 4°C. Upon reconstitution store at -80oC.
Sequences of amino	KHLETSKQLAAAFQEEFTVREDLMGLAIGTHGANIQQARK VPGVTAIELGEETCTFRI

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acids

YGETPEACRQARSYLEFSED SVQVPRNLVGKVGKNGKVIQEIVDKSGVVRVRVEG
DNDK KNPREEGMVPFIFVGTRENISNAQALLEYHLSYLQEVE QLRRLRLQIDEQLR
QIGLGFRPPGSGRSGGSDKAGYS TDESSSSSLHATRITYGGSYGGRGRGRRTGG
PAYGPSSDVS TASETESEKREEPNRAGPGDRDPPTRGEESRRRPTGGR GRGPPP
APRPTSRYNSSSISSVLK

Sequence
Similarities

Belongs to the FMR1 family. Contains 2 KH domains.

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;
Gene ID	9513
mRNA Refseq	NM_004860
Protein Refseq	NP_004851
MIM	605339
Uniprot ID	P51116
Chromosome Location	17p13.3
Pathway	RNA transport, organism-specific biosystem; RNA transport, conserved biosystem;

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Function

RNA binding; protein binding;

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