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Datasheet for ABIN1989821  
**FXR1 Protein (AA 1-621) (GST tag)**

### Overview

Quantity:	25 µg
Target:	FXR1
Protein Characteristics:	AA 1-621
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This FXR1 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP)

### Product Details

Purpose:	FXR1 (Human) Recombinant Protein (P01)
Sequence:	MAELTVEVRG SNGAFYKGF I KDVHEDSLTV VFENNWQPER QVPFNEVRLP PPPDIKKEIS EGDEVEVYSR ANDQEPCGWW LAKVRMMKGE FYVIEYAACD ATYNEIVTFE RLRPVNQNKT VKKNTFFKCT VDPEDLREA CANENAHKDF KKA VGACRIF YHPETTQLMI LSASEATVKR VNILSDMHLR SIRT KLMLMS RNEEATKHLE CTKQLAAAFH EEFVREDLM GLAIGHGNS IQQARKVPGV TAI EDEDTG TFR IYGESAD AVKKARGFLE FVEDFIQVPR NLVGKVIKGN GKVIQEIVDK SGVVRVRIE G DNENKLPRED GMVPPFVFGT KESIGNVQVL LEYHIAYLKE VEQLRMERLQ IDEQLRQIGS RSYSGRGRGR RGPNYTSGYG TNSELSNPSE TESERKDELS DWSLAGEDDR DSRHQ RDSRR RPPGGRGRSVS GGRGRGGPRG GKSSISSVLK DPDSNPYSLL DNTE SDQTAD TDAESHHS T NRRRRSRRRR TDEDAVLMDG MTESDTASVN ENGLVTVADY ISRAESQSRQ RNLPRETLAK NKKEMAKDVI EEHGPSEKAI NGPTSASGDD ISKLQRTSGE EKINTLKEEN TQEAAVLNGV S

## Product Details

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Characteristics: Human FXR1 full-length ORF (NP\_005078.2, 1 a.a. - 621 a.a.) recombinant protein with GST tag at N-terminal.

Purification: in vitro wheat germ expression system

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## Target Details

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Target: FXR1

Alternative Name: FXR1 ([FXR1 Products](#))

Background: Gene Description: fragile X mental retardation, autosomal homolog 1  
Gene Name: FXR1  
Gene Summary: 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.  
GenBank: AK292633.1, BAF85322.1

Molecular Weight: 96.1 kDa (theoretical)

Gene ID: 8087

NCBI Accession: [NM\\_005087](#)

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

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## Handling

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

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.

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