

## Product datasheet for **TP762611**

### **FXR1 (NM\_001013438) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human fragile X mental retardation, autosomal homolog 1 (FXR1), transcript variant 2, full length, with N-terminal GST and C-terminal His tag, expressed in E.coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding the region full length of FXR1
<b>Tag:</b>	N-GST and C-HIS
<b>Predicted MW:</b>	60.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001013456</a>
<b>Locus ID:</b>	8087
<b>UniProt ID:</b>	<a href="#">P51114</a>
<b>RefSeq Size:</b>	8475
<b>Cytogenetics:</b>	3q26.33
<b>RefSeq ORF:</b>	1617
<b>Synonyms:</b>	FXR1P; MYOPMIL; MYORIBF



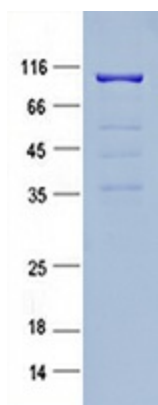
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**Summary:**

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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Product images:**

Purified recombinant protein FXR1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.