

Product datasheet for **SC324674**

FXR1 (NM_001013438) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FXR1 (NM_001013438) Human Untagged Clone
Tag:	Tag Free
Symbol:	FXR1
Synonyms:	FXR1P; MYOPMIL; MYORIBF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_001013438.1
 CCGTTC AACATGGCGGAGCTGACGGTGGAGGTTGCGGGCTCTAACGGGGCTTTCTACAA
 GGGATTTATCAAAGATGTTTCATGAAGACTCCCTTACAGTTGTTTTGAAAAATAATTGGCA
 ACCAGAACGCCAGGTTCCATTTAATGAAGTTAGATTACCACCACCACCTGATATAAAAAA
 AGAAATAGTGAAGGAGATGAAGTAGAGGTATTTCAAGAGCAAATGACCAAGAGCCATG
 TGGGTGGTGGTTGGCTAAAGTTCGGATGATGAAAGGAGAATTTTATGTCATTGAAATGCG
 TGCTTGTGACGCTACTTACAATGAAATAGTCACATTTGAACGACTTCGGCCTGTCAATCA
 AAATAAACTGTCAAAAAAATACCTTCTTTAAATGCACAGTGGATGTTCTGAGGATTT
 GAGAGAGGCGTGTGCTAATGAAAATGCACATAAAGATTTTAAAGAAAGCAGTAGGAGCATG
 CAGAATTTTTTACCATCCAGAAACAACACAGCTAATGATACTGTCTGCCAGTGAAGCAAC
 TGTGAAGAGAGTAAACATCTTAAGTGACATGCATTTGCGAAGTATTCGTACGAAGTTGAT
 GCTTATGTCCAGAAATGAAGAGGCCACTAAGCATTTAGAATGCACAAAACAACCTGCAGC
 AGCTTTTCATGAGGAATTTGTTGTGAGAGAAGATTTAATGGGCCTGGCAATAGGAACACA
 TGGTAGTAACATCCAGCAAGCTAGGAAGTTTCTGGAGTTACCGCATTGAGCTAGATGA
 AGATACTGGAACATTCAGAACTACGGAGAGAGTCTGATGCTGTAAAAAAGGCTAGAGG
 TTTCTTGGAAATTTGTGGAGGATTTTATTAGGTTTCTAGGAATCTCGTTGAAAAAGTAAT
 TGGAAAAAATGGCAAAGTTATTCAAGAAATAGTGGACAAATCTGGTGTGGTTTCGAGTGAG
 AATTGAAGGGGACAATGAAAATAAATTACCCAGAGAAGACGGTATGGTCCATTTGTATT
 TGTTGGCACTAAAGAAAGCATTGGAAATGTGCAGGTTCTTCTAGAGTATCATATTGCCTA
 TCTAAAGGAAGTAGAACAGCTAAGAATGGAACGCCTACAGATTGATGAACAGCTGCGACA
 GATTGGTTCTAGGCTTTATAGCGGAAGAGGCAGAGGTCGTGGGGACCTAATTACACCTC
 CGGTTATGGTACAAATTTGAGCTGTCTAACCCCTCTGAAACGGAATCTGAGCGTAAAGA
 CGAGCTGAGTATTGGTCAATGGCAGGAGAAGATGATCGAGACAGCCGACATCAGCGTGA
 CAGCAGGAGACGCCAGGAGGAAGAGGCAGAAGTTTTCAGGGGGTTCGAGGTCGTGGTGG
 ACCACGTGGTGGCAAATCCTCCATCAGTTCTGTGCTCAAAGATCCAGACGCAATCCATA
 CAGCTTACTTGATAATACAGAATCAGATCAGACTGCAGACACTGATGCCAGCGAATCTCA
 TCACAGTACTAACCGTCGTAGGCGGTCTCGTAGACGAAGGACTGATGAAGATGCTGTTCT
 GATGGATGGAATGACTGAATCTGATACAGCTTCAGTTAATGAAAATGGGCTAGGCAAAAG
 ATGTGATTGAAGAGCATGGTCTTCAGAAAAGGCAATAAACGGCCCAACTAGTCTTCTG
 GCGATGACATTTCTAAGCTACAGCGTACTCCAGGAGAAGAAAAGATTAATACCTTAAAAG
 AAGAAAACACTCAAGAAGCAGCAGTCTGAATGGTGTTCATAAACTGAAGAAGTTCCTA
 GTTTACAGTTCTTTTACATTACATTTACAATAGTCTGTACAAGCTTGCCAAAGATAGA
 ATATGGATCGCCAGTCTTACATCGCACTTTCAGTTTCTCCATTTGGAATTCAAAAAGGG
 GAGGGATCCTGAAGAAATCATATGTTAAACATACTTTGACACCTACTGTGTTATAAAAAA
 TATCATCAGATGTGCCTTGAGAAATAGTATATGTAACATTAATAAAAAAGTTGCTGGCTATA
 GGAAATGTTATTTGTTTTCAAATATGGCAGAGATGGGGGGTGGTGGGTGGGGTGGGAT
 CCCTAACGTAATATTCTTTATGAAAGCATTAGCTGCTTTTGTACATTTTAAATATGCAA
 CCACTTCTCACCTGAGGAAAAC TAGAATGAAATGCAGTCTAAAAATTTTGCAGTGAAT
 GTAATTTCTTTCATTAGTTTAGTCTGAAACTGGTCTGTTTTAATGTGTTTTTAAATGC
 TGTATGTAGAGGAAAATCTGCAGACCACTGGAATACATTTGTTAAACTCTCATCTGCAGG
 GACACTGGCGTACTTGGCAGTGAAGTCTACCTTGAGGCTTTGTTGGTTTTATTTAT
 TAAAGTGTACAGTATTTAAAAATCAAACATAGCTTTAGTTAAAACACTAAGCTGAATTAG
 TCATGTCCATTACAGACATAACCTGAACTACTGAAAAGTCAATTTCCAGAAGGTTTATTC
 TGTATAAACTACATGTTAGTCTTTCAGTAGAGTATCTTTTTTTTTTCTTTTTTTTTTTTT
 TATTTTCGGTTGTTTGTGCAATATGTTTTTGTATGCAGGTAGTAAATAAACTTTGATC
 TTCCATTAATAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_001013438

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001013438.1, NP_001013456.1</u>
RefSeq Size:	2682 bp
RefSeq ORF:	1620 bp
Locus ID:	8087
UniProt ID:	<u>P51114</u>
Cytogenetics:	3q26.33
Protein Families:	Druggable Genome
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an alternate exon compared to variant 1, that causes a frameshift. The resulting isoform (b) is shorter and has a distinct C-terminus compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>