

Product datasheet for **SC301787**

FXR1 (NM_001013439) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FXR1 (NM_001013439) Human Untagged Clone
Tag:	Tag Free
Symbol:	FXR1
Synonyms:	FXR1P; MYOPMIL; MYORIBF
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001013439, the custom clone sequence may differ by one or more nucleotides

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ATGATGAAAGGAGAATTTTATGTCATTGAATATGCTGCTTGTGACGCTACTTACAATGAAATAGTCACAT
TTGAACGACTTCGGCCTGTCAATCAAAATAAACTGTCAAAAAAATACCTTCTTTAAATGCACAGTGGA
TGTTCTGAGGATTTGAGAGAGGCGTGTGCTAATGAAAATGCACATAAAGATTTTAAAGAAAGCAGTAGGA
GCATGCAGAAATTTTTACCATCCAGAAACAACACAGCTAATGATACTGTCTGCCAGTGAAGCAACTGTGA
AGAGAGTAAACATCTTAAGTGACATGCATTTGCGAAGTATTCGTACGAAGTTGATGCTTATGTCCAGAAA
TGAAGAGGCCACTAAGCATTTAGAATGCACAAAACAACCTTGCAGCAGCTTTTCATGAGGAATTTGTTGTG
AGAGAAGATTTAATGGGCCTGGCAATAGGAACACATGGTAGTAACATCCAGCAAGCTAGGAAGGTTCTGTG
GAGTTACCGCCATTGAGCTAGATGAAGATACTGGAACATTCAGAACTACGGAGAGAGTGCTGATGCTGT
AAAAAAGGCTAGAGGTTTCTTGGAAATTTGTGGAGGATTTATTTCAGGTTCTAGGAATCTCGTTGGAAAA
GTAATTGGAAAAAATGGCAAAGTTATTCAGAAATAGTGGACAAATCTGGTGTGGTTTCGAGTGAGAAATTG
AAGGGGACAATGAAAATAAATTACCCAGAGAAGACGGTATGGTTCCATTTGATTTGTTGGCACTAAAGA
AAGCATTGGAAATGTGCAGGTTCTTCTAGAGTATCATATTGCCTATCTAAAGGAAGTAGAACAGCTAAGA
ATGGAACGCCTACAGATTGATGAACAGCTGCGACAGATTGGTTCTAGGTTTATAGCGGAAGAGGCAGAG
GTCGTGCGGGACCTAATTACACCTCCGGTTATGGTACAAATTCTGAGCTGTCTAACCCCTCTGAAACGGA
ATCTGAGCGTAAAGACGAGCTGAGTGATTGGTCATTGGCAGGAGAAGATGATCGAGACAGCCGACATCAG
CGTGACAGCAGGAGACGCCAGGAGGAAGAGGCAGAAGTGTTTCAGGGGGTTCGAGGTCGTGGTGGACCAC
GTGGTGGCAAACTCCTCCATCAGTTCTGTGCTCAAAGATCCAGACAGCAATCCATACAGCTTACTTGATAA
TACAGAATCAGATCAGACTGCAGACACTGATGCCAGCGAATCTCATCACAGTACTAACCGTCGTAGGCGG
TCTCGTAGACGAAGGACTGATGAAGATGCTGTTCTGATGGATGGAATGACTGAATCTGATACAGCTTCAG
TTAATGAAAATGGGCTAGTCACAGTTGCAGATTATTTTCTAGAGCTGAGTCTCAGAGCAGACAAAGAAA
CCTCCCAAGGAACTTTGGCTAAAAACAAGAAAGAAATGGCAAAGATGTGATTGAAGAGCATGGTCTCT
TCAGAAAAGGCAATAAACGGCCCAACTAGTGCTTCTGGCGATGACATTTCTAAGCTACAGCGTACTCCAG
GAGAAGAAAAGATTAATACCTTAAAAAGAAGAAAACACTCAAGAAGCAGCAGTCTGAATGGTGTTCATA
A
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Restriction Sites: Please inquire



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ACCN:	NM_001013439
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_001013439.1</u> , <u>NP_001013457.1</u>
RefSeq Size:	3118 bp
RefSeq ORF:	1611 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 (3) contains an alternate exon compared to variant 1. The resulting isoform (c) is shorter at the N-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>