OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC204046

Fxr1 (NM_008053) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fxr1 (NM_008053) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fxr1
Synonyms:	1110050J02Rik; 9530073J07Rik; AI851072; Fxr1h; Fxr1p
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>BC019139
CCACGCGTCCGCAACATGGCGGAGCTGACGGTGGAGGTTCGCGGCTCCAACGGGGCTTTCTACAAGGGAT
TTATCAAAGATGTCCACGAAGACTCCCTCACAGTTGTTTTTGAAAATAATTGGCAACCAGAACGCCAGGT
TCCGTTTAATGAAGTGCGATTACCACCACCACCTGATATAAAAAAAGAAATTAGTGAAGGAGATGAAGTA
GAGGTATATTCAAGAGCAAATGACCAAGAGCCATGTGGATGGTGGCTGGCTAAAGTTCGGATGATGAAAG
GCGAGTTTTATGTCATTGAATATGCTGCTTGTGATGCCACTTACAATGAAATAGTCACATTTGAACGACT
TCGGCCTGTCAATCAAAATAAAACTGTCAAAAAAAATACCTTCTTTAAGTGCACAGTGGATGTTCCTGAG
CACCTGAGAGAAGCGTGTGCTAATGAAAATGCCCATAAAGATTTTAAGAAAGCAGTAGGAGCATGCAGAA
TCTTTTATCATCCTGAAACTACCCAGCTAATGATACTGTCGGCCAGTGAAGCAACTGTGAAGAGAGTAAA
TATCTTAAGTGATATGCATTTGAGAAGTATTCGGACGAAGTTGATGCTTATGTCCAGAAATGAAGAGGCC
ACTAAGCATTTAGAATGCACAAAACAACTTGCAGCAGCTTTTCATGAAGAATTTGTTGTGAGAGAAGATT
TAATGGGCCTGGCGATAGGAACGCATGGCAGTAACATACAGCAAGCTAGGAAGGTTCCTGGAGTTACTGC
CATTGAGTTAGATGAAGACACCGGAACGTTTAGAATCTATGGAGAGAGTGCTGAGGCTGTAAAAAAAGCT
AGAGGTTTCTTGGAATTTGTGGAAGATTTTATTCAAGTTCCCAGGAATCTTGTTGGAAAAGTAATTGGAA
AAAATGGCAAAGTTATTCAAGAAATAGTGGATAAATCTGGTGTGGTTCGAGTAAGAATTGAAGGAGACAA
TGAAAATAAACTACCTAGAGAAGACGGAATGGTTCCATTTGTATTTGTTGGCACTAAAGAAAGCATTGGG
AATGTGCAAGTTCTTCTAGAGTATCACATCGCTTACTTAAAGGAAGTGGAACAACTAAGAATGGAACGTC
TGCAGATTGATGAGCAGCTGCGACAGATTGGTTCTAGGTCTTATAGTGGAAGAGGCAGAGGTCGTCGGGG
CCCTAATTACACCTCCGGTTATGGTACAAATTCTGAGCTGTCTAACCCCTCCGAAACAGAATCTGAGCGT
AAAGATGAGCTGAGTGATTGGTCATTGGCAGGAGAAGATGATCGAGAGACTCGACATCAGCGAGACAGCA
GGAGACGCCCAGGAGGAAGAGGCAGAAGTGTTTCTGGGGGACGAGGTCGTGGTGGACCACGTGGTGGCAA
ATCCTCCATCAGTTCTGTGCTCAAAGATCCAGACAGCAATCCATACAGCTTACTTGATAATACAGAATCC
GATCAGACTGCAGACACTGACGCCAGCGAATCTCACCACAGTACTAACCGTCGTAGGCGGTCTCGTAGAC
GGAGGACTGATGAAGATGCTGTTCTGATGGATGGACTGACTGAATCTGATACAGCCTCAGTTAATGAGAA
TGGGCTAGGCAAAAGATGTGATTGAAGAGCATGGTCCTTCAGAAAAGGCAATAAATGGTCCAACTAGCGC
TTCTGGCGATGAAATTCCTAAGCTACCGCGTACTCTGGGAGAAGAAAAGACTAAGACCTTAAAAGAAGAC
AGCACTCAAGAAGCAGCAGTCCTGAATGGTGTTTCATAACTGAAGGAAGTTCCTAGTTTACAGTTCTTTT
ACATTACAGTTACAATAGTGCTTGTACAAGCTTGCCAAAGATAGAATACGGATCGCCAGTCTTACATCGC
ACTTTCAGTTCCTCCATTTGGAATTCAGAAAGGGGAGGGATCCTGAAGAAATCATATGTTAAACATACCT
TGACACCTACTGTGTTAAAAATATATCATCAGATGTGCCTTGAGAATAGTATATGTAACATTAAAAAAAG
TTGCTGGCTATAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008053

Insert Size: 1620 bp

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).

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:	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:	BC019139, AAH19139
RefSeq Size:	2056 bp
RefSeq ORF:	1620 bp
Locus ID:	14359
UniProt ID:	Q61584
Cytogenetics:	3 A3
Gene Summary:	RNA-binding protein required for embryonic and postnatal development of muscle tissue. May regulate intracellular transport and local translation of certain mRNAs.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 3' UTR, and lacks an alternate in-frame segment in the mid-coding region and two alternate exons in the 3' coding region, compared to variant 1. The resulting protein (isoform 3, also known as isoform a) contains a distinct C-terminus and is shorter than isoform 1.