

## Product datasheet for **RN202526**

### **Fxr1 (NM\_001012179) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fxr1 (NM_001012179) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fxr1
Synonyms:	Fxr1h
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202526 representing NM\_001012179  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGAGCTGACGGTGGAGGTTTCGGCTCCAACGGGCTTTCTACAAGTATTTATCAAAGATGTCC  
 ACGAAGACTCCCTCACAGTTGTTTTGAAAATAATTGGCAACCAGAACGCCAGGTTCCGTTAATGAAGT  
 TCGATTACCACCACCTGATATAAAAAAGAAATTAGTGAAGGAGATGAAGTAGAGGTATATTCAAGA  
 GCAATGACCAAGAACCATGTGGATGGTGGCTGGCTAAAGTTCGGATGATGAAAGGCGAGTTTTATGTCA  
 TTGAATATGCTGCTTGTGATGCCACTTACAATGAAATAGTCACATTTGAACGACTTCGGCTGTCAATCA  
 AAATAAACTGTCAAAAAAATACCTTCTTTAAGTGCACAGTGGATGTTCTGAGGATTTGAGAGAAGCG  
 TGTGCTAATGAAATGCCATAAAGATTTCAAGAAAGCAGTAGGAGCGTGCAGAATTTTCTATCATCCTG  
 AAATACCCAGCTAATGATACTGTGGCCAGTGAAGCAACTGTGAAGAGAGTAAATATCTTAAGTGATAT  
 GCATTTGCGAAGTATTCGGACGAAGTTGATGCTTATGTCCAGAAATGAAGAGGCCACTAAGCATTTAGAA  
 TGCACAAAACAGCTTGCAGCAGCTTTTCATGAAGAATTTGTTGTGAGAGAAGATCTAATGGCCCTGGCAA  
 TAGGAACGCATGGTAGTAACATACAGCAAGCTAGGAAGGTCCTGGAGTTACTGCCATTGAGTTAGATGA  
 AGATACTGGAACGTTTAGAATCTACGGAGAGAGTGTGAGGCTGTAAAGAAAGCAAGAGGTTTCTTGAA  
 TTTGTGGAAGATTTTATTCAAGTCCCAGGAATCTTGTGGAAAAGTTATTGGAAAAATGGCAAAGTTA  
 TTCAAGAAATAGTGGATAAATCTGGTGTGGTTCGAGTAAGAATGAAGGAGACAATGAAAATAAACTACC  
 TAGAGAAGATGGAATGGTCCATTTGTATTTGTTGGCACTAAAGAAAGTATTGAAAATGTCAAGTTCTT  
 CTAGAGTATCACATTGCTTACTTAAAGGAAGTGAACAACCTAAGAATGGAACGCCTGCAGATCGATGAAC  
 AGCTGCGACAGATTGGTATGGGTTTCAGACCTTCTCCACCAGAGGGCCTGAAAAAGAGAAAGGATATGC  
 CACTGATGAAAGTACCGTCTCTTCTGTACAAGGTTCTAGGCTTATAGTGGAAAGGCGAGAGGTCGTGCG  
 GGCCCTAATTACCTCCGGTTATGGTACAATCTGAGCTGTCTAACCCCTCCGAAACAGAATCTGAGC  
 GTAAGATGAGCTGAGTGATTGGTCATTGGCAGGAGAAGATGATCGAGAGACTCGACATCAGCGAGACAG  
 CAGGAGACGCCAGGAGGAAGAGGCAGAAGTGTCTGGGGGACGAGGTCGTGGTGGACCACGTGGTGGC  
 AAATCCTCCATCAGTTCTGTGCTCAAAGATCCAGACAGCAATCCATACAGCTTACTTGATAATACAGAA  
 CAGATCAGACTGCAGACACTGACGCCAGCAATCTCACCACAGTACTAACCGTCGTAGGCGGTCTCGTAG  
 ACGAAGGACTGATGAAGATGCTGTTCTGATGGATGGAATGACTGAATCTGATACAGCCTCAGTTAATGAG  
 AATGGGCTAGGCAAAAGATGTGAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001012179
- Insert Size:** 1707 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:** [NM\\_001012179.2](#), [NP\\_001012179.1](#)

**RefSeq Size:** 2169 bp

**RefSeq ORF:** 1707 bp

**Locus ID:** 361927

**UniProt ID:** [Q5XI81](#)

**Cytogenetics:** 2q24

**Gene Summary:** RNA-binding protein required for embryonic and postnatal development of muscle tissue. May regulate intracellular transport and local translation of certain mRNAs (By similarity). [UniProtKB/Swiss-Prot Function]