

Product datasheet for **MC221791**

Vmn2r53 (NM_001104644) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn2r53 (NM_001104644) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vmn2r53
Synonyms:	EG637908; Gm471
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221791 representing NM_001104644
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGAGCTACCGGTAGCCAGAGTTTCGTCTTTGCCATTGAGGAGATTAATAGGAGTGCTCACTTGT
 TGCCCAATTTGACACTGGGCTTCTCCATTCGAAACTCTGGAGACTCAGTGCATGGAGCGCTCTATGAGAC
 AATGGGCTTTCTCACAGGGCAGGAGGAGCCCATCCCCAACTACACATGCCAGCATGGCTCTCCTCAGGCT
 GCCTTGTTGGGGACACACGGTCTTCCCTGTCTGTCTCCATGGCCAGACTTCTGGGGCTGTACAAGTTTC
 CCCAGGTCAGTTACTCATCTTCACTACCCAGTCTGAGTGACAAGATCCAGTTTCCATCCTTCATTCGGAC
 CCTGACTAGTGACCTAACATGCTCCCATGCAGTTACCCAGCTGGTAATCACTTTCAATGGTCCTGGGTG
 ATCATTCTTGCCCATGATGATGACTTTGGGCAGCAGGCCAGCTCTCTGGCCACACAGATGTTGACCCGAG
 CTGGTGTGTGCATTGAGTATCACCTTCAGTCCCTTCCCATCAGTCTTTGGGAAGATTGAAGAGACTGT
 CCAGAAGATGCAGAAATGTACAGCCAGAGTTGTTTGGTTTTCTTAAGCAATTCAAATTTCCAGCTCATC
 CTACATGGCTTACTGGCTGTCCCTGTCTCAGGACAGGTGTGGGTGAGCATGGACACTCTGCACATGGCAC
 TTGCCCTGACCATACCAGGCATTTCCAGGTGTTGCAAGGCACATTTGGCCTTCTGTATCACAGCAGCAG
 GGCTATTGGCTTCCCTGAGTTCCCTGCTCACCTGCGCCCCAGCCAGACCCAGAAGACATGTTTATAAAG
 AAGTTCTGGGAGTTCACCTTTGATTGTACATGGCCCTACCAAAACAGCACAGTGACAGAGGGTGCCAGT
 TCTGCACAGGAAATGAGAGTCTGAAAAACAAGCCACATCCCTTTCCAGAAGTGAGTAGAATTGATGCTGC
 TTACACAGCTGTCTACAGCATTGCCCATGCTCTGCACAATATGCTAGCCTGTGAGCACCAGGAGAGGAAA
 GGTACAAACTCTCACAATTCCATTCTTGGCAGCTGCTTCAACCTCAGAAATGTGTAATCAAGACTT
 CTGATGGAATAAGATTATGTTTGTATGCCAATGGAGATTGGTGACACAATTTGACATTTTCCAAGGGAA
 GAAGACTCTGCAGGTGTATTCCACTTGGTGATGTAGGCTTGATAGACCCTCAAGCCTCTTCAGGAAAC
 AAAATGATGGTCCAGTTGAAGCAGGATCTCCAAGTGAGTTCTCTAAATGCAGAGATAACTGTGCCACCT
 CCATCTGCAGTGAAAGCTGCCTTCCAGGGTTACAGCCAGGTACCCGACTGGGAGCCCCCACTGTGTTT
 TGATTGCAGTCCATGCCCTGAGGGACAGTTTACAGACCAAGAGACATGAAGAGATGCCTTCTGTCCCC
 AAGGAGCAGTACTCGAGCCACACCAGAGACCATTCCTGCCAGGACAGAGATCTTCTGGCCTTTGAGG
 AACCACTGGGATTCATATTGGCTTTGGTAGCACTCTTGTGGCTGGTCTGGCTGTCTGGTTCTTGGAGT
 GTTCTGAAGCACCGGATACACCTGTGGTCAGGGCCAACAACAGAACTCTCAGTACTTCTCTCTGATC
 TCTCTTTCTTTGTGTGCCCTGTGTGCTTCTCTCTTGGGAGACCCACTGTTACTACCTGCCTCTCC
 GTCAGACCATCTTTGCTGTGGTATTACAGTGGCTGTCTCTCTCGTTCTGGCTAAGACTCTAACAGTGGT
 CTTGGCCTTCCGAGTCACCAGGCCACGAAGCAGGATCCAGGTATGCCTGAGCTCTGGTGCTTCTACCTCA
 GTGGTCTCTATTGCTTCCCTTAATACAGGTGTTCTTTGTGGGATATGGTTGATTACCTCTCCACCATTC
 CAGACAGGGATATGATCTCAGAGCCCCGGCACACTGTCATCCAATGCCATGAGGGTTCTGGAGCCAACTT
 CTTCTGTGTGCTGGGTTTCTTGGGTTTCTTGGCAGGGGTACCTTCTCTGTGGCTTTTCTAGCCAGGGGC
 CTTCCAGATGTCTTCAATGAGACCAAGTTCCCTCACCTTCAGCATGCTGCTCTTCTGCAGTGTCTGGACAG
 CCTTCTTCCCCTGTACCATAGTGCCCGGGGAAAGTCCACTGTGGCTGTAGAGATCTTTCCATCCTGGC
 CTCCACTGCTGGGCTTCTGGGTGGCATCTTCATCCCCAAGTGCTACATCATCTTGTCTGAAACCTGAGAAG
 AACACCCCTGCCTGGTTAAGGCAAGGCCACAGGTACAGCACAATAGGCAGTGTGAGATGCTCCAGAGAA
 GGTGTGTGCTCTCAGGAGAGTCACTAGGATCAAGTTT**ATGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001104644
Insert Size: 2421 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:	<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_001104644.1, NP_001098114.1</u>
RefSeq Size:	2421 bp
RefSeq ORF:	2421 bp
Locus ID:	637908
Cytogenetics:	7 A1