

Product datasheet for **MC221792**

Vmn2r54 (NM_001081449) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn2r54 (NM_001081449) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vmn2r54
Synonyms:	EG666085; Gm470; Gm1496
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221792 representing NM_001081449
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGGGCTACCGGTGACCCAGAGTTTCGTCTTTGCCATTGAGGAGATTAATAGGAGTGTCTACTTGT
 TGCCCAATTTGACACTGGGCTTCTCCATTCGAAACTCTGGAGACTCAGTGCATGGAGCCCTCTATGAGAC
 AATGGGCTTTCTCACAGGGCAGAAGGAGCCCATCCCCAACTACACATGCCAGCATGGCTCTCCTCAGGCT
 GCCTTGGTTGGGGACACACGGTCTTCCCTGTCTGTCTCCATGGCCAGACTTCTGGGACTGTACAAGTTTC
 CCCAGGTCAGTTACTCATCTTCACTACCCAGTCTGAGTGACAAGATTCACTTTCCATCTTTTCTCGGAC
 CCTGACTAGTGACATTACATCTTCCATGCAGTTACCCAGCTGATAATTCACCTTCAATGGTCTGGGTG
 ATCATTCTTGCCCAAGATGATGACTTTGGGCAGCAGGCCAGCTCTCTGGCCACTCAGCAGCTGAGTCCAG
 CTGGGGTTTGCAATTGAGTATCACCTTCAGTCCCTTCTATCAGTCTTGGGAAGATTGAAGAGACTGT
 CCAGAAGATGCAGAAATGTACAGCCAAAGTTGTTCTGGTTTTCTTAAGCAATTTAAATTTCCAGCTCATC
 CTACGTGGTTTACTGGGTGCCCTGTCTCAGGACAGGTGTGGGTGAGCAAGGCCTCTGCACATGGCAC
 TTGCCCTGACCATACCAGGCATTTCCAGGTGTTGCAAGGCACATTTGGCCTTCTGTATCACAGCAGCAG
 GGCTATTGGCTTCCCTGAGTTTCTTGTCTCACCTGCGCCCCAGCCAGACCCAGAAGACATGTTTATAAAG
 AAGTTCTGGGAGTTCACCTTTGATTGTACATGGCCCTACCAGAACAGCACAGTGACAGAGGGTGTCCAGT
 TCTGCACAGGAAATGAGAGTCTGAAAAACAAGCCACATCCATTTCCAGAAGTGAATAAATTTGATGCTGC
 TTACACAGCTGTCTACAGCATTGCCATGTCTGCACAATATGCTAGCCTGTGAGCACCAGGAGAGGAAA
 GGTACAAATTCACAACCTCCATTCTTGGCAGCTGCTCCATGCCCTAAAAAGGTACACTTCAAGACTC
 TGGATGGAATCAAGATTATGTTTGTAGCCAATGGAGATTGGTGACAAAAATTTGATATTTTCCAAGGGCA
 GAAGACTCTGCAGGTGATTCCACTTGGTGATGTAGGCATGATAGACCCTCAAGTCTCTTCTGGGAAC
 AAAATGATGGTTCAGTTGAAGGAGGATCTCCAAGTAAGTTCCTGAATGCAGAGGAAACTGTGCCACCT
 CCATCTGCAGTGAAGCTGCCTTCCAGGGTTCAGCCAGGTACCCCGACTGGGAGCCCCCACTGCTGTTT
 TGATTGCAGTCCATGCCCTGAGGGACAGTTTACAGACCAAGAGACATGAAGAGATGTCTTCTGTGCCCC
 AAGGAGCAGTACTCGAGCCACACCAGAGACCATGGCTGCCAGGACAGAGATCTTCTGGCCTTTGAGG
 AACCACTGGGATTCGATTGGCTTTGGTAGCACTTGTCTGGCTGGTCTGGCTGTCTGGTCTTGGAGT
 GTTCTGAAGCACCGGATACACCTGTGGTCAGGGCCAACAACAGAACTCTCAGTACTTCTCCTGATC
 TCTCTTCCCTGTGTGCCCTGTGTGCTTCTCTGGGAGACCCACTGTCACCACCTGCCTCCTCC
 GTCAGACCACCTTGGCTGTGGTATTACAGTGGCTGTCTCCTCTGTTCTGGCCAAGACTCTCACAGTAGT
 CCTGGCCTTCAGAGTACCAGACCAGAAAGTAGGATCCAGATATGCCTGAGCCCTGGTACTTCAACCTTT
 GTGGTCTCATTGCTTCTTAATACAGGTTGTTCTTTGTGGGGTGTGGTTGGCCACCTCTCCACCATTCC
 CAGACAAGGATATGATCTCAGAGCCCCAGCACATTGTCATCCAGTGCCAAGAGGGTTCTGGTGCCACCTT
 CTTCTGTGTGCTGGGCTACTTGGGTTTCTTGGCAGGGGTACCTTCTCTGTGGCTTTTCTAGCCAGGGGC
 CTTCCAGATATCTTCAATGAGACCAAGTTCCTCACCTCAGCATGTTGCTTCTGTAGTGTCTGGACAG
 CCTTCTTCCCCTGTACCACAGTGCCTGGGAAAGTCCACTGTGGCTGTAGAGATCTTTTCCATCCTGGC
 CTCCTACTGCTGGCTTCTGGGTGGCATCTTCATCCCCAAGTGCTACATCATCTTGTGAAACCTGAGAAG
 AACACTCCTGCCTGGCTAAAGCAAGGGTACTGTGCACAGCAGGAAAAACAGGGTGAGATGCTCCAGAGAA
 GGTATAAATTCTCAGGGGAGTCACCAGAACCAATATATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_001081449
 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_001081449.2</u> , <u>NP_001074918.2</u>
RefSeq Size:	2421 bp
RefSeq ORF:	2421 bp
Locus ID:	666085
Cytogenetics:	7