

## Product datasheet for **MC222212**

### **Vmn2r44 (NM\_001105074) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Vmn2r44 (NM_001105074) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vmn2r44
Synonyms:	EG434113
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC22212 representing NM\_001105074  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGTTCACTTTGATGGGAGTCTTCTTCTCCTTAACATTCACCTTTTATGGCCAATTTTATTGATCCCA  
 GGTGCTTTTGGAGAATAAATTTGAATGAAATTCAGGATGAATATTTGGGATTAACCTTGCTTTTCATCCT  
 GGCAGCAGTTCAGAAACCTATTGAGAAAGATTATTTCAACAAGACTCTGAATTCCTAAAAACGACTAAA  
 AACCAAAATACGCTTTGGCATTGGCCTTTGCAATGGATGAAATCAACAGGAATCCTGATCTTTACCAA  
 ATATGTCTTTGATTATAAGATACACTTTGGGCCGTTGTGATGGGAAAACCTGTAATACCTACACCATTTT  
 ATTTCAAAAAAACAAGCCCTATCCCTAATTATTTCTGTAATGAAGAGACTATGTGTTCTGTTTCTG  
 CTTACAGGACCAATTGGGGGTATCTATAAGTTTCTGGAAGTACCTGGACAGCTTCTTATCTCCACGTA  
 TCCTTCAGCTTACCTATGGGCCCTTCAGTTCATCTTCAGTGATGATGAACAATATCCCTATCTCTATCA  
 GATGGCCCAAGGACACATCTAGCATTGGCAATGGTCTCCTCATACTTTACTTCAACTGGAAGTGG  
 ATTTGGCCTTGTCATCCCAGATGATGATCAAGGAAACCAATTTCTTTTAGAGTTGAAAAACAGAGGGAAA  
 ACAAGGAAATTTGCTTTGCCTTTGTGAAAATGATCTCTGTTGATGACATTTCAATTTGAACACAAAACCTGA  
 AATGACTACAAACAAATTTGTGATGTCATCCTCAAATGTTATCATCATTTATGAGGAAACAAATCGATTTT  
 ATTTGATTTGATCTTCAGAATGTGGGAACCTCCAGTTTTACAGAGAATATGGATCACCACAAAACAATGGA  
 ATTTCCCTACCAGTAAGAGAGACATAAATCATGGCACTTTCTATGGATCACTTACTTTTCTACCCACCA  
 TGGTGGGATTTCTGGCTTTAAAGATTTGTACAGACATGGTCCATCTCAAAGCAAAGATTTATATCTA  
 GTAATGCCAGAGTGGAAACTTTAAATATGAATCCTCAGCATCTAAGTGTAAAACTGAAAGAACAAAT  
 CATCTGATGCCTCATTGATTGGCTAATGGAACAGAAGTTGACATGGCCTTTAGTGAGAGATGATCAATA  
 CATATAACAATGCTGTGCATGCCATAGCCCATGCCTCCATGAGATGAATTTGCAGCAGGTTGATAATCAG  
 GCAATAGACAATGGGAAAGGAGCCAGTTCTCACTGCTTGAAGGTAACCTCTTTCTAAGAAAGATCCACT  
 TCACTAATCCTCTTGGGGACAAAGTGATTATGAAACAAAGAGTAATAATGCAGGAAGAATATGACATTTT  
 CCATTTTGGGAATCTCTCACAACACCTTGGGATTAAGGTGAAGTTAGGAAAGTTGAGCCCATATTTTTC  
 CATGGTCGAAACTTTCACTTATATGTAGACATGCTTGGGTTGCCACAGGAAGTAGAAAGATGCCATCCT  
 CTGTGTGACAGTGCAGGATGTAGTCTGGATTGAGAAGATTGTGGAAGGATGGAATGGCAGCCTGCTGTTT  
 TGTTTGCAGCCCCTGCCCTGAAAATGAAATTTCTAATGAGACAAATATGGATAAATGTGTGAATTTGCCA  
 GAATACCAATATGCCAATACAGAACAGAACAAATGATTCAGAAAGGTGTACCTTCTAAGCTATGAAG  
 ACCCCTTGGGGATGGCACTTGCCTAATGGCCTTCTGTTTCTCTGCATTACAGCTGTGGTACTTTGTGT  
 ATTTGTGAAGCATCATGACACTCCTATTGTGAAGGCAATAACAGAATCCTCAGCTACTTATTATTGATA  
 TCACTCATGTCCTGTTTTCTCTGCTTTTTTCTACATTTGGTCATCCTAACAGAGCCACCTGTGCTTAC  
 AACAAATCACATTTGGAATTTGATTTCACTGTGGCTGTTCCACAGTTCTGGCCAAAACAGTCACTGTGGT  
 TCTAGCTTTCAAAGTACAGACCCAGGGAGAAGATTGAGAAACTCCTGGTATCAGGGACACCCAACTAC  
 ATTATCCCATATGTTCCCTATTCCAATGTGTTCTGTGTGCTATCTGGCTAGAAGTTTCTCTCCCTTTG  
 TTGATTTGATGAACACTCTCAGCATGGCCACATCATTTGTGTGCAACAAGGGCTCAGTTACTGCATT  
 CTACTGTCTCTTGATACTTTGGCCTGCTGGCACTTGAAGCTTCACTTTGGCTTTCTTTGGCCAAGAAT  
 CTGCCTGACGATTCAATGAAGCCAAGTTCTTGACCTTACAGCATGCTAGTGTCTTCAGTGTCTGGGTCA  
 CCTTCTCCCTGTCTACCATAGCACCAAGGGCAAGGTCATGGTTGCTGTGGAGATCTTCTCCATCTTGGC  
 ATCCAGTGCAGGAATGCTTGGATGTATTTTGCACCCAAGATTTATATCATTTTAAATGAGACCAGAGAGA  
 AATTCTACCCAAAAGATCAAAGTTAGAAATTTACTCAAAGATCAAAGAAAAATCATATTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001105074  
 Insert Size: 2586 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001105074.1</a></u> , <u><a href="#">NP_001098544.1</a></u>
<b>RefSeq Size:</b>	2586 bp
<b>RefSeq ORF:</b>	2586 bp
<b>Locus ID:</b>	434113
<b>Cytogenetics:</b>	7 A1