

## Product datasheet for **MC222122**

### Vmn2r60 (NM\_001105057) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn2r60 (NM_001105057) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vmn2r60
Synonyms:	Casr-rs3; EG637898; Gprc2a-rs3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222122 representing NM\_001105057  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTCCGGATTTTTACCTTTGTGTTCCCTGTATTTTCCATTTTTATGTGTGCCTTTACTGACAATGAAT  
 GCTATGTAAAAAGCAATGATTATTTTTACCATGAAGGAGATGTGACAATGGTGCACCTTTCCCTCTTCA  
 TATTTTGTACACAGGCAACACACTTACTGATCAATCTTTTCCATATAATTTTCAAGACTATCATATACAG  
 TATAAATTTAAGAACTACCTGTTTGTCTGGCCCTGGTGTGGCCATTGAAGAGATCAACAGGAACCCTG  
 ATCTTCTACCCAATATAACTATTGGATATGATATCTATAATTTCCATTTACTGAAAAGAATATTCTTTA  
 TAGTGCCTTTCTTTGGCGCACAGGGATAAGTCATCCCCTCTCAACTGTGACTGTGGTCAACAAGAGGACG  
 TCACCTGTGACTCACAGGACCATCATGGTCAGCATCTGCCACATTGGAACATTTCTACAACCTTACA  
 AAATACCTCAGCTCACTTTTGGACCTTTTATTCTATCTTGAATGACCGAGCTCAGTTAATTCTCTTTA  
 CCAAATGGCCCCGAAGACACATCTCTGCCATTTGCCATAGTCTTTTTGTGCTTCAATTCAGCTGGTCC  
 TGGGTTGGTCTGATCCTCCAGATGACCACAGAGGGACTCAGATTCCTTCAGACTTAAGAGAAAATATGG  
 AGAGTCATGGTATCTGCATAGCCTTTTTGAAAATGATCTCTGGCACATGGAATGCATTTTCCAATGCATT  
 ATGGAAAAGTATGGAGAAGATTGAGGAATCATCAGCAAATGTCATAGTTATTTATGGAGACATATTTCT  
 GTACAAGGTTAATGCTACATATTACACAACCTGTTAGTGACATGGAAAAGTCTGGGCTTGAACCTTTCAT  
 GGGATGTTGATAGCCACTCTGATTATTTATGGTAGAGTCATTTTATGGGAGTCTTATTTTCTACACCA  
 CCATGAAGAGATGGTTGAGTTTATGAATTTTGTCCAAACAGTTAATCCTTACAAATACCCAGAGGACAAC  
 TATCTTCCAAAGTTTGGCATTGTTTTCAAGTGCTCATTCTAAATTTGATTGTGAGCTTTTGGAGA  
 ACTGCCAACCCAATGCTTCTTTGGATTTACTTCCAAGACACCTTTTGGACCCAGCCATGAGTGAGGAAAG  
 CTACAATATATAACAATGCTGTGATGCTGTGGCCTATAGTCTCCATGAGATGAATCTTCAACAAATACAG  
 ACCCAACCATATGCCAATGGAGAAGAAATGGCATTCTCCCCTGGCAGCTTACCCTTTCTAAAGAACA  
 CGATAATGAAAAGTCATGTGAGAGGAGACACAGTAACGCATGGGGGAAGAAACTTAGATGCACAGTATGA  
 CATTCTAATTTTTGGAATTTTCCAAGTGGTCTTGGATTAAAGGTGAAAGTAGGAACCTATTCTCTAAGT  
 GCTCAGCACAGTCTACATTTCTATATGTGAACAGATGATACAGTGGCCTATAGGGTTACAAAGATTC  
 CTCAGTCTGTGTGAGTGTGAGAGCTGTAGGCTGGATTGAGGAAAGCTGCCAGGAAGGCAAGGCTGTCTG  
 CTGCTTTGATTGTATTCCCTGTGCCAACAATGAGATTTCTAATGAGACAGATATGGAGCAGTGTGTGCAG  
 TGTCAGAAAAGTCACTATGCCAACTCAGAGAAGAATCACTGCCTCCAGAAATCTGTGAGCTTTTGGCCT  
 ATGAAGAGCCTTTGGGAATGGCACTCACCATCATAGCACTATGCTTCACTCTACTCACAGCTGTGGTTCT  
 TGTAGTCTTTGTGAAGCACAGAGACACACCCATTGTCAAGGCCAATAACAGGACTCTCAGCTACATCCTG  
 CTATTGCACTCTTATCAGTTTCTCAGTTTCTTGTGTTTATTGGCCAGCCCAACACAACCACCTGCA  
 TCTTGCAGCAGACAGCAGTTGGAATTTGTTCACTGTGGCTCTCTCCACAGTGTGGCCAAAGCTATTAC  
 AGTGGTTATTGCATTCAAAGCCACTGTTCCAGCTAGAATGGTGTGAGATGGTTAATGGTATCAAGAGCCCT  
 AATTTTCATCATTCCCATGTCACACTGATACAATAATTATCTGTGGAATCTGGTTGGTTACCTCTCCAC  
 CCTTCATTGATCTAGATACTCATGCTGAACATGGTCACATCATCATTGTGTGCAACATGGGTTCAACAGT  
 TGCCTTCCACACTGTCTGGGGTACCTCTGCTCCTTAGCACTTGGGAGCTACACCATGGCCTTCTGTCC  
 AGGAATCTGCCTGACACCTCAATGAAGCCAAGTTCTGTGATTGAGCATGCAGATATTCTTCTGTGTTT  
 GGATCACTTTCTCCCTGTCTACCATAGCACAAGGGGAAGTCAATGGTGGCTATGGAAGTGTGTTGAT  
 CTTGGCTTCCAATATAGCACTCCTTGGATTGATTTTTACCCCAAGTGTACATTATTTGTTAAGGCCA  
 GAAAAAACTCCTATCTTGGTGTGAGGCACAAAATCATT**TAA**

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001105057  
 Insert Size: 2562 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_001105057.1</a></u> , <u><a href="#">NP_001098527.1</a></u>
<b>RefSeq Size:</b>	2562 bp
<b>RefSeq ORF:</b>	2562 bp
<b>Locus ID:</b>	637898
<b>Cytogenetics:</b>	7