

Product datasheet for **MC222301**

Vmn2r61 (NM_001105058) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn2r61 (NM_001105058) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vmn2r61
Synonyms:	Casr-rs2; EG637873; Gprc2a-rs2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222301 representing NM_001105058
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCTGGATTTTACCTATGGGCTCCTGTATATCCCATTTTTGTGTGTGCCTTTACTGATAATGAAT
 GCTATGTAACAAGCAAAGAATTTTTTACCATGAAGGAGATGTGACAATGGTGCATTTTTCCCTCTTCA
 TATTTTTTACACAGGCAACAAAATTCCTGATAAATTTTTGCCATACAATTTCAAAGACTATCATATACAG
 TATAAGTTAAGAAGTACCAGTTTGTCTGGCCCTGGTGTGGCATTGAGGAGATCAACAGAAACCCTC
 ATCTTCTACCAATACTACTATTGGATATGATATCTATAATTTCCATTTACTGAAAAGAATATTCTTTA
 TCATGCCTTTATTTGGCACACAGGAAAATTAATTCATTCTAATTGTGACTATGGACACAAGAGAAAAG
 TCACCTGTATACTCACAGGACCATCATGGTCAACATCTGCCACATTGGAACATTTCTACAACCTTACA
 AAATTCCTCAGCTAACTTTGGACCTTTTGATTCTATCCTGAATGAACGAGGTCAAGTTAATTTCTGTGA
 TCAGATGGCCCCAAGGACACATCTCTGCACTTGGCATAGTGCTTTTGATGCTTCAATTCAGATGGTAC
 TGGGTTGGTCTGATCCTCCAGATGATCACAGAGGGATTAGATTCTATCAGACTTGAGAGAAAATATGG
 AGAGTCATAGGATCTGCATAGCCTTTTTGAAAATGATCTCTGGCACATGGAATGCATTTTCCAATGCATT
 ATGAAAAAATATGGAGACAATTGAGGAATCATCAGCCAATGTCATACTTATTTATGGAGACATATTTCT
 GTACAAGTTTAAATGCGACATATTGCACAACCTGTTAGTGACATGGAAAGTCTGGGCTTGACCTCTTCAT
 GGGATGTTGATACACACTCTGATTATTTATGGTAGAGTCATTTTCATGGGAGTCTCATTTTTTACACCA
 CCATGAAGACATGGTTGAGTTTATGAAGTTTGTCCAAACAGTTAATCCCTACAAATACCCAGAGGACAAT
 TATCTTCTAAGTTTGGCATTGTGTTTTCAAGTGCTCATTTCCAAATTTGATTGTCAACTTTGGAGA
 ACTGCCAACCCAATGCTTCTTTGGATTTACTTCCAGACACCTTTTGGACCCAGCCATGAGTGAGGAAGG
 CTACAATATATAACAATGCTGTGATGCTGTTCCTATAGTGCCATGAGATGAATCTTCAACAAATACAG
 ACCCAACCATATGCAAATGGAGAAGAAATGGTATTCTCCCTGGCAGCTTACCCTTTCTAAAGAACA
 CGATAATGAAAAGTCATGTGAGAGGACAAAACATTAATTCATGGGGGAAGAAAATTAGATTCAATGTATGA
 CATTCTAATTTTTGGAATTTTCCAAGTGGTCTTGGATTAAAGGTGAAAATAGGAACCTATTCTGTAAGT
 GCTCCGACGGTCTACAGTTCTCTTTATGTGAACAGATGATACAGTGGCTACAGGGTTTACAAAGATTC
 CTCAGTCTGTGTGAGTGTGATCTGTAGGCTGGATTGAGGAAAGCTGCCAGGAAGGCAAGGCTGTCTG
 CTGCTTTGATTGTATTCCCTGTGCAGACAATGAGATTTCCAACGATACAGATGTGGATCAATGTGTGAAG
 TGTTTCAGAAAGTCACTATGTAACCTCAGAGAAGAATTACTGCCTCCAGAAATCTGTGAGCTTTTTGGCT
 ATGAAGAGCCCTGGGAATGGCACTCACCATCACATCCCTGTGCTTCTCTACTCACAGCTGTGGTTCT
 TGTAGTCTTTGTGAAGCACAGACACACCCATTGTCAAGGCCAATAACAGGACTCTCAGCTACATCCTG
 CTATTGACACTCTTCATCAGTTTCTCAGTTTCTTGTGTTTGTGGCCAGCCCAACACAACCACCTGCA
 TCTTGCAGCAGACAGCATTGGAATTTGTTCACTGTGTCTCTCCACAGTGTGGCCAAAGCTATTAC
 AGTGGTTATTGCATTCAAGGCCATTGTTCCAGCTAGAATGGTGAAGATGGTTAATGGTATCAAGAGCCCT
 AATTTTCATCATTCCCATCTGCACACTGATTCAACTTATTATCTGTGGAATCTGGATTCTAACATCTCCAC
 CCTTCATTGATCAAGATACTCAGGCTGAACATGGTCAACATCATCATTGTGTGCAACATGGGTTCAACAGT
 TGCCTTCCACACTGTCTGGGGTACCTCTGCTCCTTAGCACTTGGGAGCTACACCATGGCCTTCTGTCC
 AGGAATCTGCCTGACACCTCAATGAGGCCAAGTTCTTTTCATTACAGCATGCAGGTATTCTTCTGTGTTT
 GGATCACTTTCTCCCTGTCTACCATAGCACAAAGGGGAAGTCAATGGTGGCTATGGAAGTGTCTCCAT
 CTTGGCTTCCAGTATAGCACTCCTTGGATTGAATTTTGCTCCCAAGTGCTACATTATTTGTTAAGGCCA
 GAAAAAATCTCCTGTATTGACATCAGACACACAAAATATACAAGAAGAAATATCCATTCAAATGTAGTTA
 AAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001105058

Insert Size:	2598 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_001105058.1</u> , <u>NP_001098528.1</u>
RefSeq Size:	2598 bp
RefSeq ORF:	2598 bp
Locus ID:	637873
Cytogenetics:	7 B3