

## Product datasheet for **MC222245**

### Vmn2r31 (NM\_001105062) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn2r31 (NM_001105062) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vmn2r31
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC22245 representing NM\_001105062  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTCACTTTGATGGGAGTCTTCTTCTCCTTAACATTCACCTTTTCATGGCCAACTTTATTGATCCCA  
 GGTGCTTTTGGAGAATAAATTTGAATGAAATTCAGGATGAATATTTGGGATTAACCTTGCTTTTCATCCT  
 GGCAGCAGTTCAGAAACCTATTGAGAAAGATTATTTCAACAAGACTCTGAATTTCTAAAAACGACTAAA  
 AACCAAAATACGCTTTGGCATTGGCCTTTGCAATGGATGAAATCAACAGGAATCCTGATCTTTACCAA  
 ATATGTCTTTGATTATAAGATACACTTTGGGCCGTTGTGATGGGAAAACCTGTAATACCTACACCATATTT  
 ATTTCAAAAAAACAAGCCCTATCCCTAATTATTTCTGTAATGAAGAGACTATGTGTTCAATTTCTT  
 CTTACAGGACCAATTGGGGTGTATCTATAAGTTTCTGGAAGTACCTGGACAGCTTCTTATCTCCACGTA  
 TCCTTCAGCTTACCTATGGGCCCTTCAGTTCATCTTCAGTGATGATGAACAATATCCCTATCTCTATCA  
 GATGGCCCAAAGGACACATCTAGCATTGGCAATGGTCTCCTCATACTTTACTTCAACTGGAAGTGG  
 ATTTGGCCTTGTCATCCAGATGACGATCAAGGAAACCAATTTCTTTTAGAGTTGAAAAACAGAGTGAAA  
 ACAAGGAAATTTGCTTTGCCTTTGTGAAAATGATCTCTGTTGATGACATTTCAATTTGAACACAAAACCTGA  
 AATGACTACAAACAAATTTGTGATGTCATCCTCAAATGTTATCATCATTTATGAGGAAACAAATCAATTTT  
 ATTTGATTTGATCTTCAGAATGTGGGAACCTCCAGTTTTACAGAGAATATGGATCACCAACAAACAAATGGA  
 ATTTCCCTACCAGTAAGAGAGACATAAATCATGGCACATTTCTATGGATCACTTACTTTTCTACCCACCA  
 TGGTGGGATTTCTGGCTTTAAAGATTTGTACAGACATGGTCCATCTCAGAAGCAAAGATTTATATCTA  
 GTAATGCCAGAGTGGAAACTTTAAATATGAATCCTCAGCATCTAAGTGTAAAACTGGAAGAACAAAT  
 CATCTGATGCCTCATTGATTGGCTAATGGAACAGAAGTTGACATGGCCTTTAGTGAGATGTCATATAA  
 CATATACAATGCTGTGCATGCCATAGCCATGCCTCCATGAGGTGAATTTGCAGCAGGTTGATAATCAG  
 GCAATAGACAATGGGAAAGGAGCCAGTTCTCACTGCTTGAAGGTAACCTCTTTCTAAGAAAGATCCACT  
 TCACTAATCCTCTTGGGGACAAAGTGATTATGAAACAAAGAGTAATAATGCAGGAAGAATATGACATTTT  
 CCATTTTGGGAATCTCTCACAACACCTTGGGATTAAGGTGAAGTAGGAAAGTTACAGCCATATTTTTTCA  
 CATGGTCGAAACTTTCACTTATATGTAGACATGCTTGGGTTGCCACAGGAAGTAGAAAGATGCCATCCT  
 CTGTGTGACAGTGCAGGATGTAGTCTGGATTGAGAAGATTGTGGAAGGAGGGAATGGCAGCCTGCTGTTT  
 TGTTTGCAGCCCCTGCCCTGAAAATGAAATTTCTAATGAGACAAATATGGATCAATGTGTGAATTTGCCA  
 GAATACCAATATGCCAATACAGAACAGAAATAAATGTATTCAGAAAGGTGTACCTTCTAAGCTATGAAG  
 ACCCCTTGGGGATGGCACTTGCCTAATGGCCTTCTGTTTCTCTGCATTACAGCTGTGGTACTTTGTGT  
 GTTTGTGAAGCATCATGACACTCTATTGTGAAGGCAATAACAGAAATCCTCAGCTACTTATTATTGATA  
 TCACTCATGTCCTGTTTTCTCTGCTTTTTTCTACATTTGGTCATCCTAACAGAGCCACCTGTGTCTTAC  
 AACAAATCACATTTGGAATTTGATTCACTGTGGCTGTTTCCACAGTTCTGGCCAAAACAGTCACTGTGGT  
 TCTAGCTTTCAAAGTACAGACCCAGGGAGAAGATTGAGAAACTCCTGGTATCAGGGACACCCAACTAC  
 ATTATCCCATATGTTCCCTACTCCAATGTGTTCTGTGTGCTATCTGGATAGAAGTTTCTCTCCATTTG  
 TTGATATTGATGAACACTCTCAGCATGGCCACATCATTTGTGTGCAACAAGGGCTCAGTTACTGCATT  
 CTACTGTGTCCTTGATACTTTGGCCTGCCTGGCACTTGAAGCTTCACTTTGGCTTTCTTTGGCCAAGAAT  
 CTGCCTGACACATTCATGAAGCCAAGTTCTTGACCTTACAGCATGCTAGTGTCTTCAGTGTCTGGGTCA  
 CCTTCTCCCTGTCTACCATAGCACCAAGGCAAGGTCATGGTTGCTGTGGAGATCTTCTCCATCTTGGC  
 ATCCAGTGCAGGAATGCTTGGATGTATTTTTGCACCCAAGATTTATATCTTTAATGAGACCAGAGAGA  
 AATTCTACCCAAAAGATCAAAGTTAGAAATTTACTCAAAGATCAAAGAAAAATCATATTT**TGA**

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001105062  
**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_001105062.1</a></u> , <u><a href="#">NP_001098532.1</a></u>
<b>RefSeq Size:</b>	2586 bp
<b>RefSeq ORF:</b>	2586 bp
<b>Locus ID:</b>	100042591
<b>Cytogenetics:</b>	7 A1