

Product datasheet for **MC222131**

Vmn2r45 (NM_001105075) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn2r45 (NM_001105075) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vmn2r45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222131 representing NM_001105075
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTCAATTTTTCATGGAAGTCTTCTTCTCCTTAATATTACACTTCTCATGGCCAATTTTCATTGATCCCA
 GGTGCTTTTGGAGAATAAATTTGGATGAAATAATGGATGAATATTTGGGATTATCTTGTGCTTTTCATCCT
 GGCAGCAGTTCAGACACCCATTGAAAATGATTATTTCAACAAGACTCTTAATGTTCTAAAAACAATAAA
 AACACAAATATGCTTTGGCATTGGTGTGGCAATGGATGAAATCAACAGAAATCCTGATCTTTACCAA
 ATATGTCTTTGATTATAAGATACTCTTTGGGCCATTGTGATGGAAAACTGTAATACCTACACCATATTT
 ATTTTCGTAAGAAAAAGAAAGCCCTATCCCTAATTATTTCTGTAATGAAGAGACTATGTGTTCTATCTG
 CTTACAGGACCCATTGGGAGGTATCTTAGGTTTCTGGAAGCACGTGAACAGCTTCTTATCTCCACGTA
 TCCTTCAGCTTACCTATGGACCTTCCACTCCATCTTCAGTGATGATGAACAATATCCCTATCTCTATCA
 GATGGCCCAAAGGACACATCTAGCATTGGCAATGGTCTCCTCATACTTTACTTTAGCTGGAAGTGG
 ATTTGGCCTTGTCATCCAGATGATGACCAAGGAAACCAATTTCTTTAGAGTTGAAGAAACAGAGTGAAA
 ACAAGGAAATTTGCTTTGCCTTTGTGAAGATGATCTCTGTTGATGATGTTTCATTTCACAAAATATTGA
 AATGTAACAACAAATTTGTGATGTCATCCACAAATGTTATTATCATTTATGGAGAAACATACAATTTTC
 ATTTGATTTGATCTTCAGAATGTGGGAACCTCCCATTTTACAGAGAATATGGATCACCACAAAACAATTGA
 ATTTCCCTACCAGGAAGACAGACATAAGTCATGGCACATTTCTATGGATCACTTACTTTTCTACCCACCA
 TGGTGTGATTTCTGGTTTTAAAAATTTGTACAGACATGGTCCATCTCAGAAACACAGATTTATATCTA
 GTAATGCAAGAGTGGAAATCTTAACTATGAAGACTCAGCATCTACCTGTAATAAAGAAGAACAATT
 CATCTAATGCCTCATTGATTGGCTAATGGAACAGAAATTTGACATGACCTTTAGTGAGAAATAGTCATAA
 CATATACAATGCTGTGCATGCCATAGCCATGCCCTCCATGAGATGAATCTGCAACAGGCTGATAATCAG
 GCAATAGACAATGAAAAAGGAGCCAGTTCTCACTGCTTGAAGGTAAGTAACTCCTTTCTAAGAAGGATTTACT
 TCACTAATCCTCCTGGGACAAAGTGTATGAAGCAAAGAGTAATAATGCAGGATGAATATGACATTGT
 TCACTTTGTGAATCTCTCACAACACCTTGGGATTAAGATGAAGTTAGGAAAGTTCAGCCCATATTTACCA
 CATGGACGACACTCTCACTTATATGTAGACATGATTGAGTTGGCCACAGGAAGAAGAAAGATGCCTTCT
 CAGTGTGCAGTGTGATTGTAGTCTGGATTGAGAAGATTATGGAAGGAGGGAATGGCAGCCTGCTGTTT
 TGTTTGCAGCCCCTGCCCTGAAAATGAAATTTCTAATGAGACAAATATGGATCAATGCATGAATTGTCCA
 GAATACCAATATGCCAACACAGAACAGAACAAATGTATTCAGAAAGGTGCACCTTCTAAGCTATGAAG
 ACCCCTTGGGGATGGCACTTGCCTAATGGCCTTCTGTTTCTCTGCATTACAGCTGTGGTACTTTGTGT
 CTTTGTGAAGCATCATGACACTCTATTGTGAAGGCAATAACAGAAGCCTCAGTCACTATTACTCATG
 TCACTCATGTTCTGTTTTCTGTGCTCCTTTTCTTCAATTGGCCTTCCAAACAGAGCCATCTGTGCTTAC
 AGCAAAATCACATTTGGAATTGTATTCACTGTGGCTCTTCCACAGTTCTGGCCAAAACAGTCACTGTGGT
 TCTGGCTTTCAAAGTACAGACCCAGGAAGAAGATTGAGAAACTCCTGGTATCAGGAACACCCAACTAC
 ATTATCCCATATGTTCCCTACTCCAATGTGTTCTGTGTGCAATCTGGCTAGCAGTTTCTCCTCCCTTTG
 TTGATATTGATGAACACACTCTCCATGGCCACATTATCATTGTGTGCAACAAGGGCTCAGTTACTGCATT
 CTACTGTATCCTAGGATACTTGGCTGCCTGGCACTTGGAAAGCTTCTCTGTGGCTTCTTTGGCCAAGAAT
 CTTCTGACGCATTCAATGAAGCCAAGTTCTTGACCTTACAGCATGCTAGTGTCTGCAGTGTATGGGTCA
 CCTTCTCCCTGTCTACCATAGCACCAAGGGCAACACATGGTTGCTGTGGAGATCTTCTCCATCTTGGC
 ATCCAGTGTGGGATCCTTGGATGTATTTGTACCCAAGATTTATATCATTTTAAACGAGACCAGAGAGA
 AATTTCGACCCAAAAGATCAGGAAAAATCATATTT**TGA**

ACGGTACGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105075
Insert Size: 2559 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_001105075.1</u> , <u>NP_001098545.1</u>
RefSeq Size:	2559 bp
RefSeq ORF:	2559 bp
Locus ID:	100042810
Cytogenetics:	7 A1