

Product datasheet for **RN207348**

Vom2r1 (NM_001099461) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r1 (NM_001099461) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN207348 representing NM_001099461

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

 ATGAAGAAGCTGTGTGCTTTCACTATTGCCTTTTTCTCTGAAGTTTTGTCTCATCTTGTGCAGTTTGA
 CTGAACCCAATTGCTTTTGGAGGATAAAAAAGATCGAAGTTTATGATGGAGATTTGCAAAATGACTGTGG
 TTTTGTCTTTTACACTTGAGAGCCCTATTGAAGAAAATTTTATAATCACATTATTAATTTTAGGTAT
 ATGAATGTAAACAGAAATATGAGTTTTTCTGGTATTGTTATTTGCAACTGATGAGATCAACAAGAATC
 CTTATCTTTTATCCAACATGTCTTTGATATTTCTTCATTTTGGTATGTGTGAAGATACAATGGGAGT
 TCTGGATAAAGCATATTTACATCAAAACAATTATTTGATCTACTTAATTATAACTGTGGAAGAAAGAAA
 CGTTGTGATGTAAACTTACAGGACCATCATGGAAAACCTCCTTAAACTTTTCAGTTAATCAAGGGCAC
 CAAAGATTTTCTTTGGACATTTAATCCTAACCTGAGTGACCATGACCAGTTTCCCTATATCTATCAGAT
 AGCAACCAAGGACACATATTTGCTCCATGGCATGGTCTCCTTGATGTTTCATTTTGAATGGACTTGATA
 GGACTGATCATCAGATGATGACCAAGGTATTAGTTTCACTCAGACTTGAGAGAAGAAATGCAAGGC
 ATGCGATCTGTTAGCTTTTGTGATTATGATCCAGAAAGCATTAAAGTTATACAACACAAAGTTTAAAGT
 ATATGACCAACAACCTTATGACATCTTCTGCAAAGGTTACTATCATTTATGGCAAAATGATCTCCACTCTA
 GAACCTCAACTTTGCAAGATGGACATATTTAGTTGCACGGAGAATCTGGATCACAACCTCAAAATGGATG
 TCATCACATATGATAAAGATTTTCAAGCTTGTATTTCTCCACGGGACTGTCATTTTGGCCACCACCACAA
 TGACATCGCTACATTTAGAAATTTATGCAAATAATAACACATCCAAGTATCCAGTAGATTTTCTCAG
 TCTATGGGGCAGTGGAATCATTTTAACTGTTCAATCTCAAAGAACAAGAAGAAAATGGATTTTTTATGT
 TGAAAAACCCAATGGAATGGTTAACACAGCACACATTTGACATGGTCTGAGTGAAGAAGGTTACAATTT
 GTATAATGCTGTGTATGCTGTGGCCACACCTATCACGAACCTCATTTTCAACAAGTAGAGTCTCAGGAA
 ATGGCCAAACCCAAAGGACTATTCACTGACTGTGACGAGGTGGCTTCTTTGCTTAAACTAGGGTATTTA
 CTAACCTGTTGGAGAGCTGGTGAACATGAATCATAAGGAAAATCAGTGTGCAAGTATGACATTTTCAT
 CATTTGGAATTTTCCAAATGGCCTTGGATTAAGTGAAGTGAAGTATTTTCTTGTGTTGCAACAG
 AGTCAACATCTTCATATATCTGAAGACTGGGAGTGGGTACAGGAGAAACATTGGTTCCCTCCTCAGTGT
 GTAGTGAGACATGTACTGCAGGATTCAGAAAAAGTCATCAGAAACAAACAGCCAAGTCTGCTTTGATTG
 TGTCAGTGCCAAAGAAATGAGATTGCCAATGATACAGCAGATATGGAGCAGTGTGTGCGGTGTCCAGAT
 GATTCATATGCCAAGTATGAACAAACCCAGTGCCTCCTCAAGAGCGGTGACGTTTCTCGCTTATGAAGATC
 CATTGGGGATGGCTCTAGGCTGCATGGCCTGTCTTTTCAAGCCATCACAGTTCTAGTACTAGTCACTTT
 TGTGAAGTACAGGGATACACCCATTGTGAAGCCAATAACCGTATTCTCAGCTACATCCTGCTCATATCT
 CTAGTCTTCTGTTTTCTCTGCTCATTGCTCTTCTATTGGACATCCCAACAGGCCACCTGCATCCTGCAGC
 AGGCCACGTTTGAATATTTTCACTGTGGCTATTTCTACTGTGTGGCCAAAACAATAACTGTGGTTCAC
 AGCTTTCAAGCTCACTACTCCAGGAGAGGATAAGAAAGATGATGATAAAGGGGCAACTCACTTGCTC
 ATTCCATTTGTACCCTAATCCAACCTGTTCTCTGTGCAATCTGGTTGGTGACATCTCCTCCATTTATTG
 ACAGAGATATACAATCTGAACATGGGAAGGTAATCATCATTTGCAACAAAGGCTCAGTCATTGCCTTCCA
 CTTTGTCTTGGGATATTTGGGCTCCTTGGCTCTGGGGAGCTTCACTGTGGCTTTCTTGGCTAGGAACCTT
 CCTGACAGATTCAATGAGGCCAAGTTCCTAACATTGACATGTTGGTGTCTACAGTGTGTTGGATCACCT
 TCCTCCCTGTCTACCACAGCACCAGGGGAAGGTTATGGTTATTGTGGAGTTTTCTCCATCTTGGCTTC
 TAGTGACAGGTTGCTAGGTTGCATATTTGTCCAAAGTGTATGTTCTTTAGTTGACACAGATTTAAAT
 GTTCTTCAGAA**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001099461

Insert Size:

2535 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:	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_001099461.1, NP_001092931.1</u>
RefSeq Size:	2535 bp
RefSeq ORF:	2535 bp
Locus ID:	678740
Cytogenetics:	10q32.3