

Product datasheet for **RN207388**

Vom2r3 (NM_001099460) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r3 (NM_001099460) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r3
Synonyms:	RGD1565892
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207388 representing NM_001099460
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAAGAAGCTGTGTGCTTTCACTATTGCCTTTTTTCCCCTGAAGTTTTGTCTCATTTTGTGCAGTTTGA
 CTGAACCCAATTGCTTTTGGAGGATAAAGAAGATCGAAGTTTATGATGGAGATTTGCAAAATGACTGTGG
 TTTTGTCTTTTACACTTGAGAGCCCTATTGAAGAAAATTTTATAATCACATTATTAATTTTAGGATA
 CCAGCAAGAAAATATGAATTTTTCTGGTAATGTTTTTGGTACTGATGAGATAAACAAGAACCTTATC
 TTTTATCCAACATGTCTTTGATTTTTCTTTCATTTTGGTATGTGTGAAGATACAATGGGAGTTCTGGA
 TAAAGCATATTTACATCAAAACAACATTTTCGATCTACTTAATTATAACTGTGGAAGAAAGAAACGTTGT
 GATGTAAACTTACAGGACCATCATGAAAACCTCCTTAAACCTTCAGTTAATTCAGGGCACCAAGA
 TTTTCTTTGGACATTTAATCCTAACCTGAGTGACCATGACCAGTTTCCCTATATCTATCAGATAGCAAC
 CAAGGACACATATTTGCTCCATGGCATGGTCTCCTTGATGTTTCATTTTGAATGGACTTGGATAGGACTG
 GTCATCACAGATGATGACCAAGGTATTCAGTTTCACTCAGACTTGAGAGAAGAAATGCAAGGCATGCGA
 TCTGTTTAGCTTTTGTGATTATGATCCCAGAAAGCATTAGTTATACAACACAAAGTTTAAAGATATATGA
 CCAACAACCTTATGACATCTTCAGCAAAGGTTACAATCATTTATGGCAAAATGATCTCCACTCTAGGACTC
 AGCTTTAGAAGATGGGCATATTTAGTTGCACGGAGAATCTGGATCACAACCTCAAAATGGATGTCATCA
 CATATGATAAAGATTTACGCTTGATTTCTTCCACGGGACTGTCATTTTGTCCACCACCACAATGACAT
 CGCTACATTTAGAAATTTTATGCAACAATAAACACATCCAAGTATCCAGTAGATATTTCTCAGTCTATG
 GGGCAGTGAATCATTTTAACTGTTCAATCTCAAAGAATAAGAAGAAAATGGATTTTTTATGTTGAAAA
 ACCCATTTGGAATGGTTAACACAGCACACATTTGACATGGTCTGAGTGAAGAAGGTTACAATTTGTATAA
 TGCTGTGTATGCTGTGGCCACACCTATCAGAACTCATTTTCAACAAGTAGAGTCTCAGGAAATGGCC
 AAACCCAAAGGACTATTCAGTACTGTCAGAAGGTGGCTTCTTTGCTGAAAACAGGGTATTTACTAACC
 CTGTTGGAGAGCTGGTGAACATGAATCATAAGGAAAATCAGTGTGCCAAGTATGACATTTTCATCATTTG
 GAATTTTCCAAAAGGCCTTGATTAAAAGTGAAAATAGGAAGCTATTTTCTTGTGTTGCAACAGAGTCAA
 CATCTTCATATATCTGAAGACTGGGAATGGGTTACAGGAGAAACATTGGTTCCTCCTCAGTGTGTAGTG
 AGACATGTACTGCAGGGTTCAGAAAAAGTCATCAGAAACAACAGCCGACTGCTGCTTTGATTGTGTCCA
 GTGCCAAGAAAATGAGATTGCCAATGATACAGATATGGAGCAGTGTGTGAGATGTCCAGATGATTCATAT
 GCCAACTTAGAACAAACCGAGTGCCTCCAAAGAGTTGTGACATTTCTCGCTTATGAAGATCCATTGGGGA
 TGGCTCTAGGCTGCATGGCCCTGCTTTTTCAGCCATCACAATCTAGTACTAGTCACTTTTGTGAAGTA
 CAGGGATACTCCCATTTGTGAAAGCCAATAACCGTATTCTCAGCTACATCCTGCTCATATCTCTAGTCTTC
 TGTTTTCTGCTCATTGCTCTTCATTGGACATCCCAACCAGGCCACCTGCATCCTGCAGCAGGCCACGT
 TTGCAATATTTTCACTGTTGCTATTTCTACTGTGTTGGCCAAAACAATAACTGTGGTCACAGCTTTCAA
 GCTCACTACTCCAGGGAGAAGGATAAGAAAGATGATGATAAAAGGGGCAACTAATTGCTCATTCCCAT
 TGTACCCTAATCCAACCTGTTCTCTGTGCAATCTGGTTGGTGACATCTCCTCCATTTATTGACAGAGATA
 TACAATCTGAACATGGGAAGGTAATCATATTTGCAACAAAGGCTCAGTCACTGCCTTCCACTTTGTCTT
 GGGATATTTGAGCTCCTTGGCTCTGGGGAGCTTCACTGTGGCTTCTTGGCTAGGAACCTTCTGACAGA
 TTCAATGAGGCCAAGTTCTTAACATTACAGATGTTGGTGTCTACAGTGTGGATCACCTTCTCCCTG
 TCTACCACAGCACCAGGGGAAGGTTATGGTTATTGTGGAGGTTTTCTCCATCTTGGCTTCTAGTGCAGG
 GTTGCTAGGGTGTATTTTTCCAAAAGTGTATGTTCTTTAGTTTCGACCAGATTTAAATGTTCTTCAG
 AAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001099460

Insert Size: 2526 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_001099460.1, NP_001092930.1</u>
RefSeq Size:	2526 bp
RefSeq ORF:	2526 bp
Locus ID:	502213
Cytogenetics:	1q12