

Product datasheet for **RN211216**

Vom2r68 (NM_001099481) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r68 (NM_001099481) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r68
Synonyms:	RGD1560816
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN211216 representing NM_001099481

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGAAGGAGCTGTGCACTTTTACTATTTTCTTCTGCTTCTGAAGTTTTCTTTCATCATGTGGGTTTGA
 CTGAGCCAGTTGCTTTTGGAGAATAAAGAACAATGGAGATAACGATGGAGATTTGAGAAGTCACTGTGG
 TTTTGTACTTTTACACGACAGGAGCCTATAGAAGAAAATTTTATAATGAGATCGTGATTTTGAATA
 CCAGCAAGAAGTTATGAGTTTTTTTGGTAATGTTTTTGGTACTGATGAGATCAACAAGAAATCCTTATC
 TTTTACCAACATGTCTTTGATATTCTCCCTCATTGTTGGCATGTGTGAAGATACATTGGAATATGTGGA
 TACAACTACTCATTCAAAGAAATCTTTGAATATTGTTAATTATAACTGTTATTTACGGGCCAGATGT
 TATATACAACTTACAGGACCATCATGAAAACCTCCTTAAACTGACGATTAATTCTAGAAAACCAAAGG
 TTTTTTTGGACATTTAATCCTAACCTGAGTGACCGTGACCAAGTTTCCCTATGTAAATCAGATAGCAAG
 AAAGGACACTTTTTGTCTCATGCCATGATCTCTTTGATGCTTTTTTTGAATGGACTTGGATTGGACTA
 GCCATCTCAGATGATGACCAGGGAATTCAGTTTCTCTCAGTCACAAGAGAAGTAATGCAAAAACATTCAA
 TCTGTTCACTTTTGTGAATGTGATCCCAGAAAACATGCAGATATACATGGCAAGGGCTAACATATATGA
 TAAACAAATTATGACATCATCAGCAAGGTTGTTATCATTTATGGTGAAGGAAGTCTACTCTAGAAGTC
 AGCTTTAGAAGATGGGAATTTTAGGTGCACAGAAAATCTGGATTACAACCTCACAATGGGATGTTATCA
 CAAATAAAGAGTTTTAGCCTTGATTTCTTCCATGGAAGTGTCACTTTTGCATACCACAATGGCAGGAT
 TCCTAAATTTAGGAATTTATGCAACAATGAACACTTCCAAATACCCAGTAGACATTTCTCAGACTATA
 CTGGAGTGAATTATTTAATTGTTCAATCTTTAAGAACAGTGATAGTGAATGAATCATTTTACATCCA
 AGAACACAGAGGAATGGTTAGCACAGCACAATTTGACATGGTTCTGAGTGAAGAAGGATACAATTTGTA
 TAATGCTGTGTATGCTGTGGCCACACCTACCATGAACCTCATTCTCAAGAAGTAGAATCTCAGAAAATA
 CTAAGACACAAAGGAAGATTCTTAAGTGTGACAGGTGGCTTCTTGTGCTGAAAACAGGATATTTATGA
 ACCCTGTGCGGAGAACTGGTGAACATGAATCAAAGGAAAATCAGTGTGCAGAGTATGACATTTTCAACAT
 TTGGAATTTTCCACAAGGCCTTGGATTAAGTGAAGTGAAGGAGCTATTTTCTGTTTCCCGCAGAGC
 CAACAACCTCAAATATCTGAAGACTTGAAGTGGCCACAGGAGGAACATCCGTCACGTCATGTGTA
 GTGTTACATGCACTGCTGGATTGAGAAAATTCATCAGAACGAGGCTGCACACTGCTGCTTTGATTGTGC
 CCTGTGCCGAGAAAATGAGGTTTCTAATGACACAGCAGATATGGAGCAATGTGTGAGGTGTCCAGATGAT
 AAGTATGCCAACTTAGAGCAACCTACTGTATCCAAAGACATGTGTCTTTCTGGCTTATGAAGAACCAC
 TGGGTTTGACCTAGGATGCATGGCCCTGTGCTTCTGCTCCTCACAATTCTAGTATTAGTCACTTTTGT
 GAAGCACAGAATATTCCTGTTGTGAAGGCCAATAACTGCATTCTCAGCTACATCCTGCTCATCTCTCTC
 ATCTTCTGTTTTCTTGTCTATTGCTCTTCTATTGGACATCCCAAAAGACCACTGCATCCTGCAACAGA
 TCACATTTGGAATATTTTCAATGGCAATTTCTACAGTGTGGCTAAAACAATAACTGTGGTCATGGC
 TTTCAAACCTACTACACAGGAAGAAGGATGAGACGGATCCTGGCATCAGGGGCACCTAAGTATGATCATT
 CCCATTTGTACATAATCCAACCTGTTATCTGTGGGACCTGGTTGGCAACATCTCCTCCCTTTATTGACA
 GAGATATACAATCAGAACATGGGAAGGTCATCATTATTTGCAACAAAGGCTCAGTCACTGCCTTCCACTT
 TGTCTAGGATACCTGAGGTCCTTGGCTCTGGGAAGCTTTGCTGTGGCATTCTGGCTAGGAATCTTCTC
 GACAGATTCAATGAAACCAAGTTCCCTAACATTCAGCATGCTTGTGTTCTGCAAGTGTCTGGATTACTTTCC
 TCCCTGTCTACCATAGCACAAGGGGAAGGTCATGGTAGTTGTGGAAGTCTTCTCCATCTTGGCTCTAG
 TGCAGGTTGCTAGGTTGTGTTTATTCCAAAGTGTATGTTATTTTAGTTAGACCAAATTCAAATTTT
 CTTCAGAAGTACAAAATAAATTGCTTTATT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001099481

Insert Size:

2553 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_001099481.1, NP_001092951.1</u>
RefSeq Size:	2553 bp
RefSeq ORF:	2553 bp
Locus ID:	501881
Cytogenetics:	14p22