

Product datasheet for **RN211968**

Vom2r41 (NM_001099500) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r41 (NM_001099500) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r41
Synonyms:	RGD1561322
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211968 representing NM_001099500
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTTCTCGTTTCTGTTTGAATTCTTGCTCTGAAGCTTTCTTTCTTTGTGCAGTCCAATTGACAACC
 GTTGTGTTTTGGAGATTAAAAACCAAGACATTTTGGGAAGGAGACAAAGAAATTGATTGCTTTTTTTTAT
 TTATACAAGGTTTGGTCATGTAAAGAATGAACAGTTTCAGTGGAATCTAGACAAGCGGTTGACATCTAAG
 ACTATCCACTTGATTTTGACTCTTTATTTTGCCTTGAAGAAATAAACAGGAACCCCATATTCTACCTA
 ACATTTCACTGCTAGTTAAATGAATGTAGGCTGCTGGATGATTGGAGAATAACAGTTTATCTCTAA
 AAGAGAAAAATATCTTCTAACTACTACTGTATAAATCAGAGAAGATTTAATTGTACTTACAGGACCA
 ATGTGGTTAGCATCTGTCATAGTTGGGCCACTCCTATACATAACTAAGAGACCAGAGCTTTACTATGGGC
 CATTTACCCCTCTCTTGAGCAACCAAGAACTGTATCCATATCTTTACCAATGGCTTCTAAGGACCTATC
 TCTGGCATTGGCCATGGTTTCCTTGCTTGCCATTTTCAGCTGGAAGTGGTGGGAGCAGTTGTTTCAGAT
 GATGACCCAGGTTATGAATTCATCTTGAATTGAGAAGAGAAATGCAAAGGAACAATTTTGTGTTAGCAT
 TTGTGAGTATCATTGTTAGTGATGACAATTTATTTCTGAAAAGGTATAATATCTATTACAACCAGATCAA
 GATGTCATCAGCAAAAGTTGTTATCATTATGGAGACAAAGACTCTCCTCTACAGGTGAACCTTTAGACTA
 TGGAATTTATTTGATATCCAAAGAACTGGGTCACCTCACAGTGGGATATGATCATAAATAATGGAA
 AATTCCTCCTTAATTCCTTCTATGGGACTCTCAGTTTTTCACATCACTATTCTGAATTATCTGGTTTTAA
 AACATTTATCCAGACAGCATACCTTCAAACACAGTGATGACTTTTCTTGGTATATTATGGTGGGTG
 TATTTTAATTGTTCTTTGTCATTATCTGAATGTAAAGATCTGCAAATTTGCCAAAGGAAACATATTTA
 GATGGTTATTCAGGCACCATTTTGAATGTCTTTGAGTGATACTACTTATGACCTATATAATTCTATGTA
 TGCTGTGGCTTACACACTCCAACAGATGCTTCTGAAACAAGCAGATACATGGCAAAATAGATGACGGAAAA
 GAACCAGAAATTTGACTCTTGGCAGATGCTCTTTCTGAGAAATATCCAATTTATAAACCTGTTGGTG
 ACAAGTGAACCTGAATCATGAAGAAAACTGGATACAAAGTATGAGATTCACCAGACTTTGACTTTTTT
 GCCAAATCCTGTATTTAAGCTGAAATAGGAACATTTTCCCAAAATCTATCACATGGTCGACAATTATAT
 ATGTTGAAAGAAATGATAGAGTGAACACAGGCCACCAACAGTCTCCAACCTCAGTTTGCAGTATTCCTT
 GTAGTCCAGGATTCAGAAAAATCCCCTCAGCTGGGAAAGCCTGTTTGCTGTTTTGATTGTACACCTGCC
 AGAAAAATGAAATTTCAACATGACAAACATGAATCAATATATCAAGTGTCTAGATGATCAGTATGCCAAT
 CCTGGAGGAACTCACTGCCTCAAAAAAGTTATTGTATTCTGGGTATGAAGATCCATTGGGAATGTCTC
 TGGCTATCTTGGCTCTGTGCTTCTCTGCTCTCACAGCTTTGTACTTAGTATCTTTTGAAGCACCAGA
 AACACCCACTGTCAAGGCCAATAATAGAACTCTCAGCTATGTTCTACTCATCTCCCTCATCTCTGTTTT
 CTCTGTTCTTGTCTTTCATTGGTCATCCAGCTTTACCACATGTATCATGCAGCAGACCACATTTGCTG
 TTGTGTTCACTGTAGCTGCATCTACTGTCTGGCCAAAACAATTATTGTAATATTGGCCTTCAAGTTAC
 TAATAAGTAGAAAAATGAGGTGGCTGCTGGTATCAGGGGCACCTAAATTCATCATTCCAATTTGCACA
 ATGATTCAACTGATTCTCTGTGAATTTGGCTGGGACTTCTCCTCCATTTGTTGATGCTGATGGACATG
 TTGAAAAAGGCCACATTTTGATTTTCTGTAACAAAGGTTCAATTCTTGCTTTCTATTGTGCTCTGGGATA
 CTTAGTCTCCATTGCCATTGCAAGTTTCACCCTTGCACTACTCGCCAGAAATCTGCCTGACACATTCAAT
 GAAGCCAAGTTCCTAACATTAGTATGCTAGTATTTTGCAGTGTCTGGGTACCTTTCTTCTGTCTATC
 ATAGCACCAAGGCCAAGTCTATGGTGGCTGTGGAAGTTTTCTGTATATTGGCCTCTAGTGACGGGTGCT
 TTTTGTGATCTTTGCACCAAGTGCTTCATTATTTGTTAAGACCTGAGAAAAAATCTTTTCAGAAGTTT
 CAGAATATACATTCTAAAATT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001099500

Insert Size: 2544 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_001099500.1, NP_001092970.1</u>
RefSeq Size:	2544 bp
RefSeq ORF:	2544 bp
Locus ID:	293069
Cytogenetics:	1q32