

Product datasheet for **RN207210**

Vom2r4 (NM_001099458) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r4 (NM_001099458) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r4
Synonyms:	RGD1564110
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN207210 representing NM_001099458

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

 ATGAAGAAGATGTGGCATTCACTATTGCCTTTTTTCCCTGAAGTTTTGTCTCATCTTGTGCAGCTTGA
 CTGAACCCAGTTGCTTTTGGAGAATAAAGAGGAGTGAAGATAATGATGGAGATTTGCGAAGTGACTGCGG
 TTTTGTCTTTTACACTCGAGAGTCCTATTGAAGAAAATTTTATACTCGCATTATTAATTTTAGGATA
 CCAGCAAGAAAATATGAGTTTTTCTGGTACTGTTTTTGTCTATCGATGAGATCAACAAGAAATCCTTATC
 TTTTATCCAACATGTCTTTGATATTTCCATCATTGTTGGCCTGTGTGAGGATACAATGGGAGTTCTGGA
 TAAAGCATATTCACATCAAAGCAAAATTTCAAACGAATTAATTATTTCTGTGGAATAAAGCAACGTTGT
 GATATAAACCTGACAGGACCATCATGGACAATTCCTTAAACTGTCAATTTATCAAGGACACCAAAGA
 TTTTCTTTGGCTCATTTAACCTAATCTGAGTGACCATGACCAGTTTCCCTATATCTATCAGAGAGCAAA
 CAAAGACACATATTTGTTCTGTGGCATGGTCTCCTTGATGTTTCATTTTGGATGGACTTGGATAGGACTG
 GTCATCTCAAATGATGACCAAGGTATTCAGTTTCTTTCAGACTTGAGAGAAGAAATGCAAAGGCATGCAA
 TCTGTTTAGCTTTTGTGATTATGATCCCAGAAACCATGCAGATATATAAGACAAGAGTTAAGATATATGA
 CCAACAACTTATGACATCTTCAGCAAAGGTTGTTGTCAATTTATGGTGAATGAACTCCACTCTAGAACTC
 AGCTTTAGAAGATGGGCATATTTAGGTGCACAGAGAATCTGGATCACAACCTCACAATGGGATGTCATCA
 CAAACCAAAAAGATTTAGCCTTGATTTCTCCCATGGGACTGTCACTTTTGCCCATCACCACAATGACAT
 CACTATATTTAGAAATTTATGCAAACAATAAACACATCCAAGTATCCAATAGACATTTTCGAGTCTATG
 CTGCAGTGAACCATTTAACTGTTCAATCTCAAAGAACAAGAAGAAAATGGATTGTTTTACGTTCAACA
 ACCCATTTGGAATGGTTAGTACAGCACACATTTGACATGGTCTGAGTGAAGAAGGTTACAATTTGTATAA
 TGCTGTGTATGCTGTGGCCACACCTACCATGAACCTATTTTCAACAAGCAGAGTCTCAGAAAATGGCA
 GATCCCAAAGGAGTATTCAGTACTGTACGAGGTGGCTTCTTTGCTAAAAACTAGGGTATTTATTAACC
 CTGTTGGAGAAGTGGTAAATATGAATCATAAGGAAAATTTATGTGCCAAGTATGACATTTTCATCATTTG
 GTATTTTCCACAAGGCCTTGGATTAAAAGTGAAAATAGGAAGCTATTTTCTTGTGTTGCCACAGAGTCAA
 CAACTTCATATATCTGAAGACTGGGAGTGGGTACAGAAAGAAACACTGGTTCCTCCTCAGTGTGTAGTG
 TGACATGTACTGCAGGATTCAGAAAAATTCATCAGAAACAACAGCCGACTGCTGCTTTGATTGTGTCCA
 GTGCCAAGAAAATGAGATTGCCAATGATACAGATATGGAGCATTGTGTGAGATGTCCAGAGGATTCGTAC
 GCCAATTAGAACAACCGAGTGCCTCCAAAGAGTTGTGACTTTTCTCGCTTATGAAGATCCATTAGGGA
 TGGCTCTAGGATGCATGGCCCTGTCTTCTCAGCCATCACAATCTAGTACTAGTCACTTTTGTGAAGTA
 CAGGGATACTCCCATTTGTGAAAGCCAATAACCGCATTCTCAGCTACATCCTGCTCATATCTCTAGCCTTC
 TGTTTTCTGTGCTCATTGCTCTTCATTGGACATCCCAACCGGCCACCTGCATCCTGCAGCAGACCACAT
 TTGCAATATTTTTCACAGTTGCTATTTCTACTGTGTTGGCCAAAACAATAACTGTGGTCACAGCTTTCAA
 GCTTACTACACCGGGAGAAGGATAAGAAAGATGATGATAAAAGGGGCAATTAACCTGCTCATTCCCAT
 TGTACCCTAATCCAACCTGTTCTCTGTGCAATCTGGTTGGTGACATCTCCTCCATTTATTGACAGAGATA
 TACAATCTGAACATGGGAAGATAATCATATTTGCAACAAAGGCTCAGTCATTGCCTTCACATTGTCTT
 GGGATATTTGGGCTCCTTGGCTCTGGGGAGCTTCACTGTGGCTTTCTTGGCTAGGAACCTTCCTGACAGA
 TTCAATGAGGCCAAGTTCTTAACATTACAGATGTTGGTCTTCTACAGTGTGTTGGATCACCTTCCTCCCTG
 TATACCACAGCACCAGGGGAAGGTTATGGTTGTTGTTGAGGTTTTCTCCATCTTGGCTTCTAGTGCAGG
 GTTGCTAGGGTGTATTTGTCCAAAAGTGTATGTTCTTTAGTTCAACCAGATTTAAATGTTCTTCAG
 AAATAA

 ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001099458

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_001099458.1, NP_001092928.1</u>
RefSeq Size:	2526 bp
RefSeq ORF:	2526 bp
Locus ID:	308248
Cytogenetics:	1p13