

Product datasheet for **RN207243**

Vom2r2 (NM_001099457) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r2 (NM_001099457) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r2
Synonyms:	RGD1561757
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207243 representing NM_001099457
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGTCTCCTTGATGTTTCATTTGAATGGACTTGGATAGGACTGGTCATCACAGATGATGACCAAGGTA
 TTCAGTTTCACTCAGATTTGAGAGAAGAAATACAAAGGCATGCGATCTGTTAGCTTTTGTGATTATGAT
 CCCAGAAAGCATTTCAGTTATACAAACACAAAGTTTAAGATTATGACCAACAACTTATGACATCTTCAGCA
 AAGGTAGTTATCATTTATGGCAAATGATCTCCACTCTAGAAGTCAAGTTTGAAGATGGGCATATTTAG
 TTGCACGGAGAATCTGGATCACAACTCACAATTGGATTTTCATCAGATATGATAAAGATTTCAGCCTTGA
 TTTCTTCCACGGGACTGTCATTTTGGCCAGCACCACAATGACATCGCTATATTTAGAAATTTTATGCAA
 ACAATAAACACATCCAAGTATCCAGTAGATATTTCTCAGTCTATGGGGCAGTGAATCATTTTAAGTGT
 CAATCTCAAAGAACAAAGAAGAAATGGATTTTTTATGTTGAAAAACCCATTGGAATGGTTAACACAGCA
 CACATTTGACATGGTCTGAGTGAAGAAGTTACAATTTGTATAATGCTGTGTATGCTGTGGCCACACC
 TATCACGAACTCATTTTTCAACAAGTAGAGTCTCAGGAAATGACCAAACCAAAGGACTATTCACAACT
 GTCAGCAGGTGGCTTCTTTGCTGAAAACTAGGGTATTTACTAACCTGTTGGAGAGTTGGTGAACATGAA
 TCATAAGGAAATCAGTGTGCCAAGTATGACATTTTCATCATTTGGAATTTCCAAAAGACCTTGGATTA
 AAAGTGAAAAATAGGAAGCTATTTTCTTGTGTTGCAACAGAGTCAACAACCTCATATATCTGAAGACTGGG
 AGTGGGTACAGGAGATATTTGGTTCCTCCTCAGTGTGTAGTGAGACATGACTGCAGGATTCAGAAA
 AAGTAATCAGAAACAAACAGCCGACTGCTGCTTGTGATTGTGTCCAGTGCCAAGAAATGAGATTGCCAAT
 GATACAGATATGGAGCAGTGTGTGAGATGTCCAGATTATTCATATGCCAAGTGAACAAACCGAGTGCC
 TCCAAAGAGTTGTGACATTTCTCGCTTATGAAGATCCATTGGGGATGGCTCTATGCTGCATGGCCCTGTC
 CTTTTACGCCATCACAATTCTAGTACTAGTCACTTTTGTGAAGTACAGGGATACTCCATTGTGAAAGCC
 AATAACCGTATTCTCAGCTACATCCTGCTCATATCTAGTCTTCTGTTTCTCTGCTCATTGCTCTTCA
 TTGGACATCCCAACAGGCCACATGCATCCTGCAGCAGGCCACGTTTGAATATTTTTCACAGTTGCTAT
 TTCTACTGTGTTGGCCAAAACAATAACTGTGGTCACAGCTTCAAGCTCACTACTCCAGGAGAAGGATA
 AGAAAGATGATGATAAAAGGGGCACTAACTTGCTCATTCCCATTGTACCCTAATCCAATTGTTCTCT
 GTGGAATCTGGTGGTGACATCTCCTCATTTATTGACAGAGATATAAATCTGAACATGGAAAGATAAT
 CATCACTTGCAACAAAGGCTCAGTCATTGCCTCCACGTTGTCTTGGGATATTTAGGCTCCTTGGCTCTG
 GGGAGCTTCACTGTGGCTTCTTGGCTAGGAACCTTCTGACAGATTCAATGAGGCCAAGTCTCTAACAT
 TCAGCATGTTGGTGTCTACAGTGTGGATCACCTTCTCCCTGTCTACCACAGCACCAGGGGGAAGGT
 TATGGTCGTTGTGGAGGTTTTCTCCATCTTGGCTTCTAGTGCAGGGTTGCTAGGGTGCATATTTATCCAA
 AAGTGTATGTTCTTTTACTTCGACCAGATTTAAATGTTCTTCAGAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001099457

Insert Size: 1941 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: [NM_001099457.1](#), [NP_001092927.1](#)

RefSeq Size: 2037 bp

RefSeq ORF: 1941 bp

Locus ID: 292438

Cytogenetics: 1p13