

Product datasheet for **RN207433**

Vom2r10 (NM_001099469) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r10 (NM_001099469) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r10
Synonyms:	RGD1565464
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207433 representing NM_001099469
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGATGTTCTCCTGGATTTTATCTTCTGGCTCTTGCAGATTCTCAAATTTGTCTCTGCTATTGTCTTTA
 ATATCAGTAGGTGTTATTACATAATCACTGAAGAATTTACCATGAAGGAGATATTGTGATTGGTGCAAT
 TTTCCCACTTCATACTTTCTATACTGGGAAGAAAATGCCAGACCAACTCTACCATATCAATATTTGGAC
 AACTACATACAGTATAACTTTAGAACTATCAGTATATTCTGGCTCTGCTATTTGCCATTGAGGAGATCA
 ATGGGAACCCCAATCTTTTACCAACATATCTCTGGATTGATTCTACAATGTCAGATTCACTGAAAA
 GGAAACACTTATGAATGCTGTTATTTGGCTCACTGCTCATGTGCAGAGAAAGTTTTACCTAATTACAAT
 TGTAAGAAAGAAAAATTTCTGCTGCACTCACAGGAACATCATGGACTACATCTGCCAAATTGGGACAT
 TGCTTCAACTCTTTAAATTTCCACAGATTACTTTGGACCTTATGATCCTCTCTTGAGTGACCATGGTCA
 GTATTCTTCTCTCTACCAGATGGCCCCAAGGACACATCTTTCCCTTGCCATTGTTTCTTTAATGGTA
 TATTTTAGATGGTCATGGGTCGGTCTCATCCTCCCTGATGACCACAAAGGAAATAAAATCTATCAGATT
 ATAGAGAGGAAATGGAGCGACAAAGAGTCTGCATTGCTTTGTAAAAATGATCCCAGCCACATGGACTTC
 ATATTTTCCAAGTTCTGGGAAATATGAATGAGACAAATGTAATAATTATTCATGGTGACATTGATTCT
 CTAGAAAGTCTATTGCGGAATATTGGGCAAGATTACTGACAAGGAATGTCTGGGTTATGAACATTGAAC
 GCCATGTTACTGAATTTAGTGATTATTCATGTTAGACTCATTCCATGGAAGCCTAATTTTAAAGCACAA
 TTATAGAGAGAAGTTGAGTTTACCAAAATTCATTCAAACAGTTAATCCTAATCGATACCCAGAAGACATT
 TATCTTCCGAAGTTGTGGAATTTGTTATTCAAGTGCTCATTCTTGATCGTAATTGTCAAGTTTGGACA
 ATTGCCAAACCAATGCTTCTTTGGATATATTACCTAGTCACATATTTGATGTAGCTATGAGTGAAGAGAG
 CATTAGTATTTACAATGGTGTGTATGCTGTGGCTCACAGCCTCCATGATATGAGACTTCATCAAGTTCAA
 ATGCGACCATATGAAAATGGCGAAGGAATGATCTTCATTCCATGGCAGCTTAACACTTTCTGAAGGACC
 TTGAGGTGAGAGACAACAGGAGTTTAAATTGGATACAGACAATAGATGCAGAATATGACATTCTTAACCT
 TTGGAATTTACCAAGGGTCTTGGAATAAAGTAAAAATAGGATCCTTTTCTGCAATGCTCCCAAGGGT
 CAACAGTTGTCTTATCTGAACAGATTATTCAATGGCCAGAAATATTTTCAAAGTCCCCAGTCTGTGT
 GCAGTGAGAGTTGTGGGCTGGATTGAGAAAGTAACCTAGAGGGCAAGCCCATCTGCTGCTACAAGTG
 CACTCCTGTGTCAGAAAATGAGATTTCTAATGAGACAGATTCTGACCAGTGTGTGAGGTGCCAGAAAGT
 CATTATCCAAATACAGAGAAGAGCAACTGCTACCAAAAACTTCGAGCTTTCTGGCCTTTGAAGAACCT
 TGGGGATGGCACTAGCCAGCATAGCTTTGTGTTTATCTGCACTTACAGCTTTTGTATAGGGATCTTTGT
 GAAATACAGAGACACTCCCATTTGTCAAGGCCAATAATCAAGCTCTGAGTTACATTTTGTCTATCACACTC
 AAATTCGTGTTTTCTATGTTCTTTGAATTCATTGGTCAGCCCAACACAGCTGCCTGCATCCTTCAGCAGA
 CCATTTTGGAGTTGCATTCACTGTGGCTCTTGCCACTGTGTTAGCCAAAGCTATTACTGTGGTTCTTGC
 CTTAAGGTCAAGTTTCCAGGAAGAATGGTAAGGTGGCTAATGATATCAAGGGGTCCATACTACATTGTT
 CCTATCTGCACCCTGATCCAATCTTCTTTGTGGAATATGGATGACAATGTCACCACCATTCAATGACC
 AAGATCCTCATACTGAACATGGACACATCATTTTTGTGCAACAAGGGTTCATCTCTTGCTTTCCACGC
 TGTACTGGGATACCTCTGTCTCTTGCCCTGGGAAGTTATACCATGGCCTTTTGTCTAGAAATTTGCCT
 GATACATTCAATGAATCGAAATTTCTGTCAATTAAGTATGCTAGTGTCTCTGTGTCTGGGTACCTTTTC
 TTCTGTCTACTACAGCACTAAAGGGAAGTCAATGGTGGCTATGGAAGTATTCTCTATCTTGCTTCCAG
 TACAGCACTCCTTGCTTCTATTTGGTCCCAAGTGTACATTATCTGTTGAGACCAGACAAGAATTCT
 TTTAATCATGTAAGGAAAAAGCACATTTAGACGGAAGAATTCTCTAAATA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001099469
Insert Size: 2577 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_001099469.1, NP_001092939.1</u>
RefSeq Size:	2577 bp
RefSeq ORF:	2577 bp
Locus ID:	292414
Cytogenetics:	1q21