

Product datasheet for **RN201922**

Vom2r64 (NM_001099513) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r64 (NM_001099513) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r64
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN201922 representing NM_001099513

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGCCCACTTGGATTTTTTCTTTTTACCTGAAGCTTCTATGCTTCTGTGCAAATTGTTACCCATG
 AGTGTGTTGTTTCTTCATAGACAATGTATACAGGATGGGGATATGGTGATCAGTGCATTCTTACCACT
 TTATACCTATCAAACCTCCCAACACACTGAAGGGCAGAGAACAAGACGTCAGTGCACGGATTGCCCA
 CAAAACCTACCAATTTGTGATGGCCTTAATTTTTGCCATAGAGGAGATCAACAGAAACCCATACTTTTAC
 CTAACATGACGCTTGGATATAATATTCACAGTGTGGGGCATTGGAAGTGAGACTGTAGTAAGTTTCT
 CAAGTGGCTCACAGGGCAGGACAGACTCATTCTAACTATACATGCAAAACCAAGGAAAAATCTGTGGCT
 GCAATCACAGGAACAACATGGGAAATTTCTTCTTAATTGGCATATTTTTGAGTCTTTATAAATATCCAC
 AGCTGAGCATTGGACCTTTGAACAAAGTATGAATAACTCTGAGGAGTTTCTTTTTGTATCAGATGGC
 TGCCAAAGAATCTTCTTTGGCCTTAGGCATGGTCTCATTGTTTGTCCATTCAAATGGAATTGGGTGGG
 CTGGTCATCTCAGAGGATGAGAATGGTGTAACTTTGTACAGACTTGATTCCACAAATGGAAGAAACA
 CAGTCTGTGTAGCCTTCATGGAATTTATCCAGTTACTCACATGATGGACCTGGAACACTTATGAATA
 CCCTATTCGGATTATGAGAAACCCAGCCAAAGTTGTTATCATTATGCTAACACTGACTCTTCTTAGGT
 GTGCTGTTTAGAAGATGGGAATATATACTTCTATGGAGAATCTGGGTACCACATCACAATGGGAAGTCG
 TCATTCTATGAGACATTTAATCTTGACTCATTCCATGGGACTCTCATCTTTCAAACGCCAGGGTGA
 TATTTCTACTTTTAAAGATTTGTAAAGTCAGTGAGACCTTCAAATACCCAGATGACATTTTTCTTGCA
 AGACTCTGGGAGATTTACTTTGGTTGTGAATATCTAATGCTACCTGTAATCATTAAAAATTGTTTCA
 CTAGAGGTAACCTGGGGTTGTTACCTTGGTACCTCTTTGACATAGCTGTAAGTACTGGCAGTTACCATGT
 ATACAATGCTGTATATGCTGTGGCCACACCATGCACAAGATGCTTATTCAAGAAATAGACATAGAAGGA
 ATGAAAAATGGAGGCAGCATGGATTTTCCCCCTTGAAGCTGAACTCCCTGCTGAAGAACATTAATTCA
 TGAATCCTGGTGGAGATCCGATATCTTTAAATCCTTCAGAGAGCTTGACATAGATTATGACATTCTGAA
 CTTCTGGGATTTCCACAAGGTCTTACATATAAAGTGAAGTAGGAACATTTCTCCATATTTCCACCT
 GGTCAACAATTGTCGATTTCTGAGGACAGAATAGAGTGGAGTATAGGAGTGGAGCAACAGATTCTGTCT
 CTGTATGCAGTGAATTTGTGGTCTGGATTGAGAAAATCTCTTCAGGAAGGGAAGCTGCTTGTGTTT
 TGATTGTGCTCTATGTTGAGAAAATGAAATTTCCAATGGAACAGGCAAGAGGCAATGTGTGAAATGTACA
 GAGGACCAGTATGCCAACACAGATCGGACAGTCTGCATCCAAAAGCTGTGACATTTCTGGCTTTGGAAA
 ACCCCTTGGGGATGACACTCGCCAGCATGGCCCTATGCTTTTCTATCCTCACCTCATTTGTCTGGGGAT
 TTTTGTAAAGCACAAAACACTCCTGTGGTGAAGGCAAATAACAGAACTCTCAGTACATCTTGCTCATC
 TCCCTCACTTTCTGCTTTCTTTGCTCATTCTATTCTATTGGTCAGCCCAACGCAGTCACCTGCATCCTGC
 AGCAGACCACATTTGGAGTTGTTTTACAGTGGCTGTTTCTACTGTCTTGGCAAAACCATACAGTCAT
 CCTGGCCTTCAAGAGCACAGCTCCAGGACGAAGTTGAGGTGGTTGCTTATACAGGAGCACCGAAATTC
 ATCATTTCCCATCTGTACACTAATACAACTGTCTTCTGTGGAGTCTGGCTGAGAATATCCCTCCATTTG
 TGGACACAGATGCACAATCTGAACATGGTCATATCATTATTATGTGCAACAAGGGCTCAGTAACAGCCTT
 CTACTGTGTGCTGGGATACCTGGGAGCTGTCCCTAGTGAGCTTCACAGTAGCTTTTATGGCCAGGAAC
 CTGCCTGACGCCTTCAATGAAGCCAAGTTCTTGACCTTCAGCATGCTGGTATTCTCAGTGTGTTGGGTCA
 CATTTCTCCCTGTTTACCACAGTACTAAAGGAAAGATCATGGTGGCTGTGGAGGTCTTCTCCATCTTGGC
 CTCCAGCACAGGTCTTCTAGTTGTATCTTTATCCCCAAATGTTATATTCTTGAAGACCTGAAATG
 AACTCATTGAAATGCAGACGAAATAGAGTTCAGTGGAA**TAA**

 A**CGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001099513

Insert Size:

2562 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_001099513.1, NP_001092983.1</u>
RefSeq Size:	2562 bp
RefSeq ORF:	2562 bp
Locus ID:	681079
Cytogenetics:	12q11