

Product datasheet for **RN207096**

Vom2r7 (NM_001099463) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r7 (NM_001099463) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207096 representing NM_001099463
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTTACTGGATCTTTATTTCTGGTCTTACAGATCCCAAATTTGTCTCTTCTTTATGACTGTGA
 ATATCAGTCTGTGCTTTTACAAACTCCTGAAGATTTTCACTATGAAGGAGACGTTGTGATAGGTGCATT
 TTTTCTATCCATACTTACTATTCTCCAAACAAAGTTCCACATAAACTGTACCATAACATATATGGAC
 AATTATTTACAGTATAATTTAAGAACTACCAGTATATTCTGGCTTTGGTATTGGCCATTGAGGAGATAA
 ATGGGAACCCCAATCTTTACCTAATATATCTTTGGATTTGATTCTACAATATCAGATTCAGTGAGAA
 AGAAACCCCTTATGAATGCTTGTATTTGGATCACAGGTCAAGGACAGAAAAAGATTTTACCAATTTACAAT
 TGTAACAAAAGAGTTTTTACTGCTGCACTTACAGGACATCATGGACAGCATCTGCCCAATTTGGAACAT
 TACTTCAACTCTTTAAATTTCCACAGCTTTCTTTGGACCTTATGATCCCATTTTGAGTGATCGTGGTCA
 ATATTCTTCTCTGTATCAGATGACCCCTAAGTATACATCTCTTTCACAAGGCATTGTATCTTTGATGGTT
 CATTTTAGGTGGTCTGGGTGGTATCATCCTTCCAGATGACCACAAAGGAAACAAAATTTTATCAGAGT
 TCAGAGAAAATATGGAGAAAAAGGAGTCTGCATAGCTTTTGTGAAAAATATCCCATTCACATGGACTAA
 GTATTTTAACAAATCTGGGAAAATATGGATGAGACAAATGTCATAATTTTATAGTGACATTGATTCC
 ATCACAGGTATAATGCGAAATATTGGGCAAGACTGTTGACGTGGAAAGTCTGGGTATGAACATTGAAC
 CTCATATTACTGATTATGCTGATTATTTATGCTTGACTCATTTTATGGTAGCCTTATTTTACACACCA
 TTTTAAAGAGAGTTTTGAACCTTAAAGTTTATTTCAACAGTTAATCCTTACAAATATCCAGAAGATATT
 TACCTTCTAAGTTATGGCATTGTCTTCAAGTGCTCATTTTCTGATATTGACTGTCAACTACTGGCTA
 ACTGTCAATCCACGCGTCTCTGGATGATTACCTAGTCATATATTGGACATGGCAATCAGTGAAGAAAG
 CAACACTATCTACAATGCTGTGTATGCTGTGGCTCACAGTCTCCATCAGATGACTCTTCAACAAGTAGAA
 ATACAACCACAGGAAAATGGGGAAGTATGACCTTCTTCCCCTGGCAGCTAAACATTTTCTTAAAGGACA
 TTGATAAGAGAGACAATATGAGTTTAGGTGGGAGAAAGAAATTAATGCAGAATATGACATTTTAACTT
 TTGGAATTTACCAAAGGGTCTTGGTCGTAAGTGAAGTAAAGTATAGGATCCTTTTTCAGGAAATGCTCCTGAGGGC
 CAACAGTTGTCCTTATCTGAACCTATGATACAATGGGCAGAAAGATTTTTCAGAGATCCCTCAGTCTGTAT
 GTAGTAAGAGTTGTATGCCTGGATTGAGAAAAGTAACCCTGGAGGGCAAGGCCATCTGCTGTACAAATTG
 CACTCCCTGTGCAGACAATGAGATTTCTAATGAGACAGATGTGGATCAGTGTATGAAGTGTCCAGAGAGT
 CATTATGCAAAATCCAGAGAAGAACCATTGCTTCCAGAAAAGTGTGAGCTTTCTGGCCTATGAAGACCCCT
 TGGGGATGATTCTGGCTAGTATATCTCTGCTTATCTGCACTCACAGCCTTTGTAATTGGGGTCTTTGT
 GAAGTACAGAGAGACTCCCATTTGTGAAAGCCAATAATCGTGGTCTCAGTTACACTTTGCTCATCACAATC
 ACCTTTTGTGTTACTCTGTTCTTGAACCTTATTGGTCAACCAATGCAGCCACCTGTATTTTCCAGCAGA
 CCATATTTGGAATTGCATTCAGTGTGGCTCTGGCTACTGTATTGGCCAAAGCTATTACTGTGGTCATTGC
 TTTCAAAGCCACCATTCCAGGGAGAATGGTGAGGTGGTTAATGATATCAAGGGCCCCAACTATATAATT
 CCTATTTGACTCTGATCCAACCTCTTCTTTGTGCAATATGGATGGCAACCTCTCCTCCATTCTTGAAC
 AAGATTTTCATGCTGAACATGGACACATCCTACTTTTGTGTAACAAGGGATCATCTCTTGCCTTCCACTG
 TGTCTGGGATACCTCTGCTCCCTGGCAATTGGTGGTTACACCATGGCATTCTTATCTAGAAATCTGCCT
 GATACGTTCAATGAATCCAAATTTCTGTCAATCAGCATGCTGGTGTCTTCTGTGTCTGGGTACATTTTC
 TTCCTGTCTACCATAGCACTAAGGGGAAGGTATGGTGGCTATGGAAGTATTCTCTATCTTAGCTTCCAG
 TGCAGCCCTCCTTGGTTTTATTTGCTCCTAAGTGTACATTATCTTGTGAGACCAGAAAAGAACTCA
 TTTTCATCATATGAGAGACAAAACACATTCTAGAAAGAATAAGTCTATTAATAA**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001099463
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_001099463.1, NP_001092933.1</u>
RefSeq Size:	2577 bp
RefSeq ORF:	2577 bp
Locus ID:	685557
Cytogenetics:	1q21