

Product datasheet for **RN214910**

Vom2r47 (NM_001099506) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r47 (NM_001099506) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r47
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214910 representing NM_001099506
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAAACCATGATTCACACCATCAAGGAGATTATGAGAGGAAGGACATTTTGCCCAACCACACTCTGG
 GCTACCAGATTTTGGACACCTGTTTCTCCATCTCGAAAACAGTGGAGTCAACTTTTCGTGTTTCTTACAGG
 ACAGGAAGAATATAAACCAATTTTAGAAAACAGCTCTGAAAATATCTAGCAGGAATTATTGGATCAGGG
 GGATCATCTTTGTGAGTTGCTTCTCAAGAATTCTGGAGGTGATTACATGAGTCAGGTGGGCTATACTT
 CTTCCTCCTCAATTTAGTGACCATTTCCGGTTTCCAACCTTTTATCGCACAATACCCAGTGATAAAAT
 CCAGACTGAGGCCATGGTGAATCTTATCAAACTTTGGTTGGGTCTGGGTAGGTGCTATTGCAGCTGAT
 GATGATTATGGAATAAATCCTTTAAGGAAAACCTGGAGAGGTCCAACCTCTCGTGTGCTT
 TCTCTGAAACCATTCCAAAAGTCTACTCCAATGAGAAAATGCAAAAAGCTATTAATGCAGTAAAGAGTTC
 CACTGCAAAAAGTGGTTGCTTTATGCAACTGACATTGACCTCAGACCCTTTGTGCTGGAAGTGGTTCAT
 CATAACATAACCGACAGGACATGGATAGCCAGTGAAGCCTGGATTACCTCAGCTCTCATTGCAAAGCCTG
 AGTATTTCCCTATTTCCGGTGAACATTGGATTTGCAATCCCGAGAAGTGTATACCTGGATTAAGA
 ATTTCTTTATGATGTACACCCTAGCAAGGATCCAAATGATGTCTTGACCATTGAATTCTGGCAAAGTCT
 TTTAACTGTACCTGGCCCAACAGTAGTGTGCCTTACAATGTGGACTACAGAGGGAATATGACTGGTAAAG
 AAGACAGATTTTATGCCATGTCTGATCGGCTATGCACTGGAGAGGAGAAGCTGGAGGATCTGAAAAATAC
 TTATCTGGATACATCCAGCTAAGAATCACAACAATGTTAAACAAGCCGTGATCTTTTGGCTCATGCC
 CTGGATCGTTTAAAGCAGATGTGATGTACCGCAACCAGATGTAATAATGCTCACAATACTAACTTTGACC
 CCTTTCGAACATAATGATTTATATTATGAGAATGGAATTTACTACCCATGATGGACGCAAAAATAGAATTGA
 TAGAAGTGGAGACGTGAAAAATGGATATTATGATATTCTCAATTGGCAAATGGATGATGCTGGAGAATT
 GCCTTTGTCAAGTTTGGAGAATACAAATCACAAGTTCTAAATATGAACTTGTCTTTCAAAGAACTCAA
 CATTATTCTGGAACACTGAATCTCAGAGCTTCCAGATTCATTCTGTACCAAATTATGCTCTCCAGGGAC
 ACGGAAGGGGATTCGCCAGGGGAAACCCACATGTTGCTTTGATTGCATCCCATGTGCTGATGGATATGTG
 TCAGAGAAACCAGGCCAAAGGGAATGTATCCATGCAGTGAAGATGACTGGTCCAATGCAGAGAAGAGCA
 AGTGTGTACCAAAGCTTGTGAATTTCTCTTTATGAGGAGGCCCTGGGTTCCACCTCGTCATCCTTTC
 CATATTTGGGGCACTTGTGGTCATGGCAGTAACCGTTGTGTATGTAATCCACAGACACACTCCATTGGTG
 AAAGCCAATGACCGGGAGCTGAGCTTCTCATTAGATGTCTCTGTTATCACAGTGTGTATCTATGC
 TGTTTCATAGGCAAACCATGCAACTGGTCTGCATGGCCCGCCAGGTCACCTCTGGCATTGGGCTTTGCCT
 TTGCTGTCTTCCATTCTTGAAAGACTATTTCACTGTTTTTGCCTACAGGATTTCCAAATCTAAAACC
 CGGCTTATATCCATGCATCCTATTTTTCGTAAGCTCATTGTGTTAATCTGTGTTGTAGGGGAGATTGGTG
 TATGCACAGCTTACTTGGTGTGGAGCCTCAAGGATGTTCAAGAACATTGAACCTCAGAATGTAAGAT
 CATCTTTGAATGCAATGAAGTTCTATAGAGTTTCTTTACTCTATATTTGGGTTAATGCTCTTCTGGCT
 CTGCTGTGTTTTCTCACAACCTTTGTGGCTCGCCAGCTGCCAGATAACTATTACGAAGGGAAATGTATCA
 CTTTTGGGATGCTGGTCTTTTTCATTGTTTGGATCTCTTTGTCCCTGCTTACTTGAGCACCAAAGGCAA
 ATTCAAAAGTGGCTGTGGAATATTTGCCATTTTGGCATCCAGCTATGGCTTGTGGGCTGTGATTTCTT
 CCCAAGTGTTCATTATTTTGTGAGGCCAAAGGGAACACGGATGAAACTGTTGGTGGAAAGAGTCCCAA
 CTCTTGACAAGAGCATCCAGTTGACCTCAGCTTCTGTGAGTAGTGAGCTTAAACAACCCGACAGTGCAT
 TGTTCTGGATGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001099506
Insert Size: 2466 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:	<ol style="list-style-type: none">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_001099506.1</u> , <u>NP_001092976.1</u>
RefSeq Size:	2475 bp
RefSeq ORF:	2466 bp
Locus ID:	365807
Cytogenetics:	2q31