

Product datasheet for **RN211263**

Vom2r46 (NM_001099502) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r46 (NM_001099502) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r46
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN211263 representing NM_001099502

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

 ATGAAAACCATGATCCACACAATCAAGGAGATTATGAGAGGAAGGACATTTTGCCTGAACACACTCTGG
 GCTACCAGATATTTGACAACTGTTTCTCCACCACCAAGCAATGGAGTCAGCCTTGGTGTCTTAACAGG
 ACAGGAAGAATACAAGCCTAACTATAAAAAACAGCACTGGAAAATACCTCGTTGCAATTATTGGAGCAGGA
 GGATCAACTATGTCAGTTGCAGTTTCAAGAATTCTACAAAGTTACAGTGTACTTCAGGTGGGCTATGCTT
 CTTCTCTCAATTCTCAGTGACATTTCTAAATTTCCAAACACTTTTCGCACAATACCCAGTGATAAGTA
 CCAGTCTGAGGCAATTGTGAATCTGATTATACATTTTGGATGGGTCTGGGTAGGTGCTATTGCAACTGAT
 GATGATTATGGTAAACACGGAGTAAATATTTAGGGAAAAATGGAGAGGTCCACCTCTGTGTTGCTT
 TCTCTGAAACTATTCCAAAAGTCTACTCCAATGAGAAAAATGCAATAGCTGTTAATGAAGTAAAGAAATC
 CACTGCCAAAAGTCATTGTGCTTTATGCAACTGACATTCATCTCAGCCCCCTTGTGCTGGAAGTGGTTCAT
 CATAACATAACTGACAAGACATGGATAGCCAGTGAAGCCTGGATTACCTCAGCTCTCATTGCAAAGCCTG
 AGTATTTTCCCTATTTTGGTGGAAACATTGGATTTGCAATCCCGAGAAGTGTTATACCAGGATTAAGA
 ATTTCTTTATGATATACCCCTAGCAAGGATCCAAATGATCTCCTGACCATTGAATTCTGGCAAAGTCTGCT
 TTTAACTGTACCTGGCCCAACAGCAGTGTGCTTACAATGTGGACCACAGAGTGAATATGACTGGAAAAAG
 AAGACAGATTGTATGCCATGTCTGATCAGCTCTGCACTGGAGAGGAGAAGCTGGAGGATCTGAAAAATAC
 CTATCTGGACACATCTCAGCTGAGAATTACAAACAATGTGAAACAAGCTGTGTATCTTATAGCTTATGCC
 ATGGATCGTTTAAAGCAAGCTGATATAACAGAAGAATATAGGGAAAAATGAGTATGTCCAATTATACCTG
 ACTTTGAGTCAGGGGAGCTATGGAATTACTTTAGGAATATAAAATTTACTACCATGATGGAAGGAAAAAT
 AGAGACTGATTTCTTTGGAGACATAGTACGTGGATATTATGATATTCTCAATTGGCACATGGATAATGCT
 GGAAATATCGCCTTTGTCAAGGTTGGAGAATACAAATTTACAACCTTCAAATATGAACCTGTTCTTCCAA
 AGAACTCAACACTATTTTGAAGACTGAATCTTACAGGCTTCCAGATTCAGTCTGCACAAAAGTGTGTTT
 TCCAGGGACCAGGAGGAAAAATCGCCAGGGCAACCTCTATGCTGCTTTGATTGCATCCCATGTGAGGAT
 GGATATGTGTGAGAGAAACAGGCCAAAGACTATGTGACCCATGTGGTGAAGATAACTGGTCCAATCCAC
 AGAAGAACAAGTGTGTGCCAAAACCTGTGGAATTCCTTGCTTATGAGGAGGCTCTGGGCTATGCACTTGT
 CATCCTTTCAATATTTGGAGCACTTGTGGCCTTGGCAGTCACTGTTGTGTATGTGATCCATAGGCATACT
 CCATTGGCAAAGCCAATGACCAGGAGCTGAGCTTCTCATTAGATGTCCTTGTTATCACGGTGTCTCT
 CATCCATTCTGTTTCATAGGCAAACCATACAATTGGACCTGCATGGCCCGCCAGGTCACTCTGGCACTGGG
 ATTTTGCCTTTGTCTGTCTTCCATTCTTGGAAAGACTATTTCACTCTTTTTTGCCTACAGGATTTCAAAA
 TCCAAAACCCGGCTTATATCCATGCATCTATTTTTCGTAACCTCATTGTGTTGATCTGTGTTGTAGGGG
 AGATTGGTGTATGCACAGCTTACTTGATGTTGAAGCCTCAAGGATGGTCAAGAACATTGAACCTCAGAA
 TGTAAGATCATCTTTGAATGCAATGAAGGTTCTATAGAGTTTCTTTGCTCTATATTTGCCTTTGATGTC
 CTTCTGGCTCTACTGTGTTTCTTACAACCTTTGTGGCTCGCAAGCTGCCAGATAACTATTATGAAGGGA
 AATGTATCACTTTTGGGATGCTGGTCTTTTTCATTGTCTGGATCTCTTTTGTCTGCTTACTTGAGCAC
 CAAAGGGAATTCAAAGTGGCTGTGGAATATTTGCCATTTTGGCATCCAGCTATGGCTTGTAGGCTGC
 ATATTTCTTCCCAAGTGTTCATTATCTTGCTAAGGCCAAAGAGGAATACCGATGAAACTGTTGGTGGAA
 GAGTCCCCACTGTTGACAGGAGCATCCAGCTGGCCTCAACCTCTGTGAGCAGTGAGCTTAACACCACAGT
 CTCCACTGTTCTGGATGAG**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001099502

Insert Size:

2472 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_001099502.1</u> , <u>NP_001092972.1</u>
RefSeq Size:	2481 bp
RefSeq ORF:	2472 bp
Locus ID:	295091
Cytogenetics:	2q31
Gene Summary:	G protein-linked pheromone receptor [RGD, Feb 2006]