

Product datasheet for **RN207106**

Vom2r31 (NM_173319) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r31 (NM_173319) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r31
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN207106 representing NM_173319
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTTTCATTTTGATGATAGTATTCTTTCTCCTCAACATTCACCTTCTCATGGCAAATTCGGTTGATCCCA
 GGTGCTTTTGGAAAATAAATTTGAATGAAGTCAAGGATATAGATTAGATACAAGTTGTTACTTCATCCT
 TGAGGCAGTTTCAGTTGCCTATGGAGAAAGATTATTTCAACCAGACTCTGAATGTCCTAAAAACAACCAAA
 TACAACAGATATGCATTGGCATTAGCCTTTACAATGGATGAAATAAACAGGAATCCTCATATTTTACCAA
 ACATGTCTTTGATTATAAAACATACATTGGGCCACTGTGATGGAAATATCCCACTCCGCTTACTTAATCA
 AATATTTTATATGCCTTTTCTAATTATGGCTGTAATGAAGAGACTATGTGTTTATTATGCTTATGGGA
 CCGAATTTGTGGCCATCTGTAGATTTTTCATTCACTTGAACATCTTATTTCTCATTTCTTTCAGATTT
 CCTTCGGACCTTTCCATTCCATTTTCAGTGATAATGAACAATTTCTTATATCTATCAGATGACCCCAAA
 GGATACATCACTAGCATTGGCAATGGTCTCTTTCATACTTTACTTCAACTGGAAGTGGGTTGGTCTTGTC
 CTCTCAGATAATGATGAAGGCAATCAATTTCTCACAGAGTTGAAAAAGAGACCCACAACACGGAAATAT
 GCTTTGCCTTTGTGAACATGATGGCAATCAATGAGAATTCATCCATGAAAAAAGTACATGTACTACAA
 CCAAAATTTGATGTCAACCGCAAATGTTATTATCATTTATGGGGAACGACCCAGTATTATTGAAGTGTGT
 TTCAGAACATGGACATCTCCAGTCATACAGAGGATATGGGTTACCAAAATCAGAGTTGATTTCCCAACAA
 GTAAGAGAGACTTAAGTCATGGAACATTCTATGGAAGTCTAGCATTTCACAAACACCATGATGTGATTTT
 TGGATTTAAAAATTTGTACAGACATGGTACCATCTCAAAGCATGGATTTATTTTAAAGCCAGAG
 TGGGGTTTCTTTGAATATGAAACCTCAGCATCTTACTGTAATACTGATGAGTAATTCATCGAATGTCT
 CATTGGAATGGCTAATGGAACAGAAAGTTGACATAGCCTTTAATGACAATAGTCATAGTATACAATGC
 TGTGTACGCCATGGCCCATGCTCTCCATGAAAAGAATCTGAAACAAATTGATAATCAGGAAATCAGCTAT
 GGCAAAGGAGCAAGTACTCACTGCTTGAAGTTACACTCATTTTTTGAGAAGCATCCACTTCACCAATCCTT
 TTGGGGAGAGAGTGATTATGAAAGAGAGAGTAAGAGTGCAGGAAGACTATGACATTGTTACCTGCAGAA
 CTGCTCACAACACCTTAGGATTAAGGTGAAGATAGGGCAGTTTCAGCCCATATTTTCCACATGGTGGACAA
 TTTCACTTATATGAAGACATGATTGATTGGCCACAGGAAGTAGAAAGATGCCTTTATCTATGTGTAGTG
 CAGATTGTCGCTCGGATACAGAAAATCTGGAAGGAGGAATGGCAGCCTGCTGTTTTGTTTGCAGTCC
 CTGTCCAGACAATGAAATTTCTAATGAAACAAGTGGTACTTTGGGTCTTTGTGAAGCACCATGACACT
 CCTATTGTGAAGCCAATAACAGAATCCTCAGCTACATATTAATCATGTCACTCATGTTCTGCTTTCTGT
 GCTCCTTTTTCTTATTGGCCATCCTAACAGAGGTACCTGTATCTTACAGCAAATCACATTTGGAATTGT
 ATTCACGTGGCTGTTTCCACAGTTCTGGCCAAAACAATCACTGTGCTTCTGGCTTTTCAAGTCACAGAC
 ACAGGAAGAAAGTTAAGAACTTCTGCTGATCGGGGACACCCAACTACATTATCCCATATGTTCCCTGT
 TGCAATGCACTCTGTGTGCAATTTGGCTAGCAGTTTCTCCACCATTTGTTGATATCGATGAACATTCTGA
 GCATGGTCACATCATAATTGTGTGCAACAAGGGATCTGTTATGGCATTCTACTGTGCTCGGGATATTTG
 GCCTTCTGGCCCTTGAAGTTTACGATGGCTTTCTTGGCAAAGAATCTGCCTGACACATTCAATGAAG
 CCAAGTTCTTGACCTTCAGCATGCTAGTGTCTGCAAGTGTCTGGATCACGTTCTTCTGCTACCATAG
 CACCAAGGGCAGAGTCATGGTTGCTGTTGAAATTTCTCCATTTTGACATCCAGTGCAGGGATGCTTGGA
 TCGGTCTTTGCACCCAAAATTTACATCATTTTAATGAAACCAGAGAGAATTCTATCCAAAAGACAGGAGA
 AATCACGTTTCT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_173319

Insert Size:

2394 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_173319.1</u> , <u>NP_775441.1</u>
RefSeq Size:	3909 bp
RefSeq ORF:	2394 bp
Locus ID:	286985
Cytogenetics:	1q21
Gene Summary:	may play a role in neuroendocrine responses and behavior [RGD, Feb 2006]