

Product datasheet for **RN204626**

Vom1r45 (NM_001008940) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom1r45 (NM_001008940) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom1r45
Synonyms:	V1rg10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204626 representing NM_001008940 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTATTTTCTTTTCTTTTAAATAGGAATCAAAATGGATCCTGGAACTTTGCAATAGAACTTTTCTCT
 TCTGCCAGATTATAGTGGGAATGTTTGGCAATTCCTCCATACTATTTATTATATTATTTTGATATTTAC
 AGAAAAGCATTTACCGCCCAAAGACCTAATTATAGAGCACTTGACTTTTGCCAACTGCTTGACTATCATC
 TTAAGAGGCTTTCCACAGACAATGACATATTTGGCTTTAAGAATTTCTTAGATGACATGGGATGTAAT
 TAATAGTGTATTTCCAGAATAACAAGGGGGATGTCCCTTTATGCCATGTGCCTACTGAGTTGTTTCCA
 AGCAATCACAAATCAGCCCAAGTAACTCCAGGTGGATGAAGTTAAATACAGAGCCACCAAGTACATTGGC
 CCTCCTGCTCAGTTAGTTGGCTTGTGCAACTGCTTCTAAACATTATGACTCCACTAAGAATATCAGGCC
 CCAGTTACAAAAAATTCAACTTACAGGTTGAGTTATGGATACTGCTCATTGTTTGCTTCTGGCAGTGT
 GGTAACACTACACTGTATATAGTCTTAGTGTGCTTCTGATGTCTTGTGTCTAGGTCTCATGGCCTGCTCA
 AGTGTCTCCATGGTGACTATCCTCTACAAACATAAAAGACATGTCAAGCATATCCACAGTGCTCAGCACT
 TTCTGAAAGTTTACCAGAAGACAAAGCCACCCAACTATCCTCATCCTGCTGTTTACATTTGTCATCTC
 TTAATCATTTCTCATCCATTGTGGCCATCATCAGGACCTGCTTAACTATCAAGTGATATGGGAGTAAAT
 ATATTTACATTTCTAGAAATATTTCTTCTGGATTTTGCCCTTTGTTCTCATCACCAATATGAAGTCTA
 CTTTCAGTCTGATTTTACCCTGCTTGGGTAAGAGAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001008940


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Insert Size:	948 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_001008940.1</u> , <u>NP_001008940.1</u>
RefSeq Size:	948 bp
RefSeq ORF:	948 bp
Locus ID:	494287
Cytogenetics:	1q12