

Product datasheet for **RN202310**

Vom2r76 (NM_001099505) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r76 (NM_001099505) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r76
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202310 representing NM_001099505
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCAGTCCTCTTGGCTTTATATCTGCTGCTGTTTCTACAGATGCCAACTCTCCTCAGCACCATTGAAA
 TTCCTTCTTGCATACCCAAAACAAAACCCTATTATACCATGATGGGTCCATGGTCATTAGTGCATTTTT
 TCCTATTTTTTATTTTTACCCTCAAAGTGAAACAGAGTGGAACATCTTTTGACACAGGCAATATGTTT
 TCGATGGATGAAAGAACTACCAGCTAGTTTTGGCCATGCTATTTGCAATCCATGAGATCAACTGGAAC
 CATATATTTTACCAACACTTCTCTTGGACTTGAGATTATAATCTGCTACATTTTGAAAGGAATATTCT
 GAGGAATGTATTCCATTGGCTCACAGGTTTGAGCATGTCCATCCCTAATTACAACGTAGAAAGGAGAGA
 GATTACAGTGTGCTACTTACAGGAATTTACGGAAAACATCTGAACCTATTGCAACAGTGTGGATCTTT
 ACAAATTTCTCAGATTACTTTTGGGCCCTTTGATCATGTTCTTACTGACAGAAACAGTTTCCATCTCT
 GTACCAGGTGGCCCCAATGACATATCTGTGTTTTATGGCATTGCCTCTTTGATGCTCCATTCAACTGG
 ACTTGGGTGGGACTGTTACCACAGATGACCATGGAGGTGCTCAGTTTCTGTGCACTTGAAAAAGGAGC
 TAGATGAGAATAGAATCTGCATAGCATTGTGGAACAGTATCATTTGTGGGAGAATCAGTATATAATAT
 TCTGAATGATAATCAGGAGCTCAATCTGCAGTCATCAGCAATGTGATCATAATTTATGGAGAAATTGCT
 TTTATATTAACGTGAATAGAAAGTAGACATAGAAAACATATACTGAAAAAGTTTGGGTCATGAACCTCA
 AATGGAGTGGCCAAAAATTTGAAGTATATGAAATGTTAGATTTATCTCATGGAACCTCACTTTTTACC
 CCATCATGAGGAGATTTTTGGTTTCACAAATTTTATACAGCAAGCCACCCTATCAAGTACCCAGAGGAC
 ATATGTCTTCATATCTTGTGGAAGAGATATTCAATTGCTCACTTTTGCATTCTAATTGTAAATATTTG
 ATAAGTGTCTACCAATGCCTCTTTGGAATTGTTGCCAGGAATATTTTGAATGGGCATGACAGAAGA
 GAGTTACAATGTGTACAATGCTGTGTATGCAGTGGCCACAGCCTTCATGATATGATTCTCAATCAAGTA
 CAGTTTACCCACAGTCAAAAAAGGATAGGATTATGTTACTTCCCTGGCAGCTTACCCTTTTCTGAAGA
 ATATTCAGTGAAAAATCTGTTGATGACCATGTGTTTCTGGACTGAAAAAGAAAGACAGATCCAGAGTA
 TGATATTAACAACCTTTGGAATTTCCCAACAGGTCTTTCATATTTGTGAAAGTGGGTACATTTTCTCCA
 AGAGCTCCCAAAGGCAGCAATTATCAATATCTGAATTTATGATTGAATGGCCTATTGCATTTACAGAGA
 TCCCTCAATCTGTATGCAGTGAGAGCTGCACTCCGGGATTCAGGAAAGTCATTCTGGAGAGCAAGCCTGC
 CTGTTGCTTTGACTGCACCCCTTGCCAGAGAATGAGATTTCAATGAGACAGGTATGGACAGTGTTC
 AAATGTCCAGAACTCATTATACAAGTGCAGAAAAGAAGCACTGCCTCAAGAAACTGTGACCTTTCTAG
 CCTATGATGATCCCTTGGTAAGGGACTGACATTCGTGTCTCTGGGATTCTCAGCACTCACAAATTTTGT
 CATTGGAACCTTTGTAATCACAGAGACACTCCAATTGTCAAGGCCAATAATAGAACTCTCAGTTACATC
 TTGCTTGTCACTCTCACCTCTGTTTCTCTGCCCTTGCTCTTCATTGGCCTTCCAAACACAGCAACTT
 GTATCTGCAGCAGAACGTGTTTGAATTTCTGTTACAGTGGCCCTATCTACTGTGTGGCCAAAACAC
 CACTGTAGTTATAGCCTTCAAGATTACTGCTCCAGGAAGAAAGGAAAGATGGTTGCTGATACACAGGCC
 CCTAATTTTCATCATTCCAGTTTGTACCTGATACAAGTACTTCTTTCTGGTATATGGCTGGGAACATCTC
 CTCCATTTGTTGACATGGATGCTCATTCTGAACATGGGTACATCATCATTCTATGCAACAAGGGATCAAC
 TTTTGCCTTCTATTGCACTCTGGCTACCTGGGAGTCATGGCCTTTGGTAGTTACCTCATGGCTTTCTTG
 TCCAGGAATCTACCTGACACATTCAATGAAGCCAAGTTCTGTCTTTCAGCATGCTGGTGTCTGCTGTG
 TCTGGGTACATTTCTCCTGTCTATCACAGCACCACAGGGAAGTTCATGGTGGCTATGGAAGTTTTCTC
 TATTCTGGCCTCTAGTGTAGCATTTTAAAGCTGATCTTTGCCCAAGTGTACATCATTTTGTTCAGG
 CCAGAAAGAAATACATTTTATTTATCAGGGATAAAAGACAAAACAGATGCAAAAATTTAATTAACAT
 AG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001099505
Insert Size: 2592 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_001099505.1, NP_001092975.1</u>
RefSeq Size:	2592 bp
RefSeq ORF:	2592 bp
Locus ID:	301154
Cytogenetics:	9q11