

Product datasheet for **RN202349**

Vom2r72 (NM_001099517) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r72 (NM_001099517) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r72
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN202349 representing NM_001099517

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

 ATGAAGAAGTTGTGTGCTTTCCCTATTACCTTTTTGATCCTGAAATTTCTCTAATCTATTTCCATTGGA
 CTGAACCCAGTTGCTTTTGGAGGATAAAGAATAGTGAAGAGACTGATGGAGATTTGCGAAGTGACTGTGG
 TTTTGTCTTTTGGCATTGAGGAACCTATTGAAGAAAATTTTATAATCAACTATTAATTTTGAATA
 CCAGCAACAAAATATGAGTTTTTCTGGTAATGTTTTTGTCTACTGATGAGATCAACAAGAACTCTGATC
 TTTTACCAACATGTCTTTGATATTCAACCTTGTGGTAGAATGTGTGAAGATACATTGGGACTTCTGGA
 TGAAATATATTCACAAGAAAACAACTTCGTATATTATTAATTATGTCTGTGGAATAGAATCTTTGT
 GACATAGATCTTATAGGGCCATCATGGACAACATCCTTAAACTGGCAATTCATTCCATGATGCCAAAGG
 TTTTCTTTGGACATTTAACTCTAACCTAATAGACCATGACCAGTTTCCCTATATCTATCAGATAGCAAT
 CAAAGACACATGTTTGGCCCATGGCATGGTATCCTTGATGCTTCAATTTGGATGGACTTGGGTAGGACTG
 ATCATCTCAGATAATGACCAGGGTATTCAGTTTCTCTCAGACTTGAGAGAAGAAATGCAAAGGCATGGGA
 TCTGTTTGGCTTTTGTGAATGTGATCCCAGAAACCATGCAGAGATACAGGACAAGGGCTAAGATATATGA
 TAAACAACTTATGACATCATCAGCAAAGGTTGTTATCATTTATGGTGAATGAATCTACTCTAGAAGTC
 AGCTTTTGAAGATGGGCATATTTAGGTGTACAAAGAATCTGGGTACGAACTCACAATGGGATGTCATCA
 TAAATAAAGAGATTTACGCTTGATTTCTTCGATGGGACTGTCACTTTTGACACACCACACAGTGGGAT
 GACTATATTTAGGAATGTTATGCAACAATGAACACTTCCAAGTACCCAATAGACCTTTCTCAGTCTATG
 CTAGGGTGAATTATTTAATTGTTCAATCTCTGAGAATAGACATAGCAAAACGGATCATTTTACATTCA
 ACAATACATTAGAATGGTTAGCACTGCATAAATTTGACATGGTCTGAGTGAAGAAGGTTACAATTTGTA
 TAATGCTGTGTATGCTGTGGCCACACCTACCATGAACCTCAATTTCTCAAAATGTAGAGTCTCAGAAAGTG
 GCAGAACCCAAAGGATTATTCAGTGTGTCAGCAGGTGGCTTCTTGCTGAAAGCCACGGTATTTACTA
 ACCCTGTTGGAGAAGTGGTGAACATGAACCATAGGGAATCAGTGTGCAGAGTATGACATTTTCATCAT
 TTGGAATTTTCTGAGGGCCTTGGATTAAGTGAATAGCAAGCTATTTCTTGTTCCACATAAT
 CAACAACCTTCATACATCTGAAGACTTGGAAATGGGCCACAGAAGGAACATTGGTTCATCTCCATGTGTA
 GTGCAACATGTACTGCTGGATTGAGGAAATTCATCAGAAACAAACAGCAGACTGCTGCTTTGATTGTGT
 TCAGTGCCGAGAAATGAGGTTTCCAATGAGACAGCAGATATGGAGCACTGTGTGAGGTGTCCAGATGAT
 AAATATGCCAACTCAGAGCAGACCTACTGCCTCCAAAGAGCTGTGTCAATTTCTGGCTTATGAAGATCCAC
 TGGGGATGGCTCTAGGCTGCGTGGCCCTGTCTTCTCAGCCATCACAATTCTAGTACTAGTCACTTTTGT
 GAAGTACAAGGATACTCCATTGTGAAAGCCAATAACTGCATTCTCAGCTACATCCTGCTCATCTCTCTC
 ATCTTCTGTTTTCTGTTCATTGCTTTTCATTGGACAACCCAAGGCCACCTGCATCCTGCAGCAGA
 CCACATTTGGAGTGTTTTCACTGTGGCTGTTTCTACAGTGTGGCGAAAACAGTAACTGTGGTCATGGC
 TTTTAAGCTCACTACTCCAGGCAGAAGGATGAGAGGGATGCTGTCTCAGGGGCACCTAAGTGGTCATT
 CCCATTTGTACCCTAATCCAACCTGTTCTCTATGGAATCTGGTTGGTAATATCTCCTCCGTTTATTGACA
 GAGACATACAATCTGAACATGGGAAGACCATCATTATTTGCAACAAAGGCTCAGTCATTGCCTTCCACTT
 TGTCTGGGATATTTGGGCTCCTTGGCTCTAGGGAGCATCATTGTGGCTTTCTTGGCTAGGAACCTTCTC
 GACAGATTCAATGAAGCCAAGTTCTTAACATTACGATGTTGGTGTCTACAGTGTATGGATCACCTTCC
 TCCCTGTCTACCACAGCACCAGAGGGAAGGTTATGGTAGTTGTGGAGGTCTTTTCCATTTTGGCTCTAG
 TGCAGGGTTACTCGGGTGTATCTTTGTCCAAAGTGTTATGTTATTTAGTTAGACCAGATTTAAATTTT
 CTTCAGAAG**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001099517

Insert Size:

2532 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_001099517.1, NP_001092987.1</u>
RefSeq Size:	2532 bp
RefSeq ORF:	2532 bp
Locus ID:	689072
Cytogenetics:	14p22