

Product datasheet for **RN204831**

Vom2r54 (NM_001099494) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r54 (NM_001099494) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r54
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204831 representing NM_001099494
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTATTTGCCATCAATGAGATCAACTGGAACCTCCGACATTTTACCAAACACCTCTCTTGGACTTGAGA
 TTTATACTCTGCCACATTATGAAAGGAATATTCTGAGGAATATATTCCACTGGCTCACTGGCTTGAACAC
 CTTCAATCCTAATTTAGCTGTAGACAACAGAGCAAATTAGCTGCAGCACTTACGGGAGTATCATGGGAA
 ACATCTGAAAATATTGCAAGACTACTGAATCTTTACAAATTTCCGACGCTTACTTTTGGACCTTTTAATC
 ATGTTCTGACTGACAGAAGTCAATTTCTTCTCTGTATCAGGTGGCCCCCAATGGAGCATCTCTATTTTG
 TGCTATTGTCTTTGATGCTTTATTTCAACTGGACCTGGGTGGGACTGCTCACCACAGATGACCACAGT
 GGTGTTCAAGTTATATCAGACTTGACAAAGGAGCTGGACAAGAATAAAATCTGTATGGCTTTTGTGAGGA
 CAGTATTTTGTAGGGGAAGAAATATATAATGTGTACATGATTTTGGGTGAATATTCTGGAGTCATC
 AGCAAAAGTGATCATAATTTATACAGACATTACTTTTATATTTTGAACAGAAAATATCTACAGAAAG
 TTCACACTGGGAAAAGTTTGGATCACAACCTCAAATTCGTAGGCTCAAATATTCAAAATACAATATGT
 TAAGTTTATCCCACGGTATTCTCACTTTTTCACCTCATCATGGGGAGATTCTTGGTTTCACAAAATTTAT
 ACAGGAAGCTACACCCATCAAGTACCCAGATGACAGTTTTCTTCAATTTGTGTGGAGTTTGAGTTTCAAC
 TGCCCACTTTCTGATTGTAAATCCTGGAAAAGTATGCCCAATGCCTCTTGGAAATGTTGCCAGGGA
 AAATATTTGACATGGTCATATCTGAAGAGAGTTACAATGTATACAATGCTGTGTATACCATTGCCAACAG
 TCTCCATGAGATGATTCTCAATCAGTGCCAAATCAACCACAGGCAACAAAAATAGGAATACCTATTTTC
 CCCTGGCAGCTTACCCCTTTTCTGAAGAACATTCAAGTGATAAATCTGCTGGTGATCATGTTGTCTCTGG
 ACTGGAAAAGGAGACAGATCCAGAGTATGATATTACCAACCTATGGAATTTGCCAACAGGTCTTTCAGT
 CTTTGTGAATGTGGGTAGATATTCTCCAAGTTCTCCCGAGGTCAACGGCTGTCATTATCAGAATATATG
 ATTCAATGGCCCATAGAATTTACAGAGATCCCTCAGTCTGTCTGCAGTGAGAGCTGCACTCCTGGATTTA
 GGAAAATCATCCAGGAGGGCAAGCTTACCTGTTGCTTTGACTGCATTCTTGCCAAGAGAATGAGATTTTC
 CAATGAGACAGATATGAACCAAGTGCATGAAGTGTCCAGAACTCATTATGCAAATGCAGAAAAGAGACAG
 TGCCTCAAGAAAAGTGAACATTTCTGTCTATGATGATCCCTTGGGGATGGGACTCACAATCATATCTA
 TGGGATTTCTGCACTCAGCTCTTATTATTGGGGTCTTTGTAACTACAGAGATACTGCAATTTGAAA
 GGCCAATAATAGATCTCTCAGTTACATCCTGCTCATCACTCTCACACACTGTTTCTCTGTCTTTGTTTC
 TTCATTGACTTCCAAACACAGTTACATGTATCCTGCAGGAGAATCTACTTAGACTTCTCTTACCATAG
 CTTTATCCTGTGTGTGGCCAAAAGCATCACTGTTGTATGGCCTTTCAGATTACTGCTCCAAGAAGAAA
 GACAAGATGGTTGCTATTTTAAAGGGCCCCAAATTTGGTCATTCCAGTTTGCCTCCTGGTACAAGTGATT
 TTCCTAGTATATGGCTGGGTACATCTCCTCCATTTGTTGAGATGGATGTTCAATCTGAACATGGATATA
 TCATCATTCTATGCAACAAGGGTTCAGGTCTTGCCTTCCATGGCACTCTGGCCTACTTGGGTGTCATGGC
 TATTGCTAGCTACATCATGGCTTTTGTCCAGGAATCTGCCTGACATATTTAATGAGGCTAAATTTCTG
 GCTTTCAGCATGCTGGTGTCTGCAGTGTGGGTGACCTTCTCCCTGTCTACCACAGCACCACAGGGA
 AGACTACAGTGGTTATGGAATTTTCTCTATCTTAGCTTCCAGTGCAAGCATTCTAAGCCTAATCTTTGC
 TCCAAAGTGCTATGTTATTTTGTAGATCAGAGAAAAACACACTTCATCAAATCAGGAATAAAGGACAT
 CATAGGAGCAAAATCTATTTAAGATA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001099494
Insert Size: 2340 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_001099494.1, NP_001092964.1</u>
RefSeq Size:	2367 bp
RefSeq ORF:	2340 bp
Locus ID:	691438
Cytogenetics:	7q12