

Product datasheet for **RN214775**

Vom2r59 (NM_001099466) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r59 (NM_001099466) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r59
Synonyms:	RGD1566381
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214775 representing NM_001099466
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGCTTCTTCTGATTTTTATGTTCTGCTTCTGCAATATTC AATGATGTCTACTCCTTTGACCGCT
 CTTACTGTGCTTCAAGGACCAAACTAGTGTATACAAGGATGGGACATGGTAGTTGCTGCATTTTTACC
 TCTTTTTACTATTACTGTGGATTCTGCATCTGATAATCAAAGCAATAATAATTTCCATATTCAGTTTAAT
 TAAAAAACTACCAGATTGTTCTGGCAATGGTTTATGCCATTGAGGAGATCAACAGAAAACCCCATATTT
 TACCCAATGTGTCTCTGGGATATGATATATAATGTCCTGTTCAATGAATGGTTTACATTGCATAGATG
 CATCTCATGGCTTTCTGGGCCAAAGAAGTATGTGCCGAATTACACGTGTAGGAGAGAAAATGAAGTCAATT
 GCAGCCCTAACAGGCATATCTGGATAATATCTACCGATATAAGGACACTGCTAGA ACTCTACAGATATC
 CGCAGCTGACCATTGGGCTTTTGACCCTAACCTGAATAATCATGAGCAGTTTCATGATATTTATCAAA
 AGCCTACAAGGACATGTCTCTACCCATGGCATTGTCTCCTTGTGAATTAATTTCCACTGGAAGTGGGA
 GGACTGATCGTATCTGAAGGACAAAATGGTTTTAGATAATCTCAGAAGTTAGGGCAGAAAATGGACAGAA
 ACAAAAATAGTTTAGATTTGTGGAATTGATCCGAGTTAGTGAAGTATCTTATTTACCAAGCTACCTATT
 GAATCCTACACATCTTGCAAAATTAACAGCAAATGTGATCATCACCTATGGTGACAGTGATTTTCTGAGA
 GGCTTTATGTTTTATTCAAGACAAAATTTTGTACAAGGAAAGTCTGGATCATGAACTCAGACTGGGATA
 TTATCACCCAGTCACAGCATTTCATTTTACATTCATTACATGGGAGCCTCATCTTTGCACATCACACAA
 AGAAAACCTCTGGTTACAGAAAATTTATCCAAACAGTTCATCCTTCCAAATACCCAGAAGATTTTACCTC
 ACAAGGTTTTGGTCTACTTTTTAACTGCTCATTGCTGATGATGACTGCAGTACACTGGAACTGTC
 TGCCTAATGCTTCTTGCATGAAACACCCAGGGAACCGTTTTGACATGGTCATGACTGAGTTTGTATAA
 TATGTACAAATGCCGTATACGCTGTGGCCACAGCCTTCAAGAAGTCTTCTCATGAAGTAGAAGTAAAG
 GAAGTAAGAAAAGGCAGAAGACCTGATATTTTACGCTGGCAGCTGCACCTTTTCTGAAGAACATGCAGT
 TTAATAATCCCGCTGGAGAACAAGTTACTTTGGATGAGAAAATGAAATGAATGCAGAGTATGATATTCT
 CAACTACTGGAAGTTCAGAAAGTCTTCACTTAAGGTGAAAGTTGGACAATTCCTCCCTTATGGTCCA
 CTTGATCAACAATTATCTTTATCTGAGGACATAATAGAATGGCCACCGAAATACAGAGACTCCCAGGT
 CTGATGCAGTAAAAGTTGTGGTCTGGATTGAGAAAATCCCTCCAGAAAGGAAAAGGATATGTTGCTT
 TGACTGCATTCCATGCCAGAGAATGAAATTTCCAATGAGACAGATGGGATCAGTGTATGCAGTGTCTA
 GACCATCAATATGCCAACACAGCACAAAATCACTGCCTCCAAAAGTCTATGACCTTCTGCATTATGAAG
 ACCCCATGGGGATAAGTCTGTCTGCATAGCCTTGTGCTTCTCTGCACTGACATCTCTAGTTCTTGGCAT
 CTTTCTGAAGCAGAAGAACA CTCCATTGTGAAGGCAAATAACCGCACTCTCACCTACATCCTGCTCATT
 GCCCTTAACTTCTGTTTTCTGCTCCTTTCTCTTCATTGGCCATCCCAACACAGTCACTTGCATCCTGC
 AACAGACCACATTTGCAGTGGTGTCTACTGTGGCTGTTTCCACTGTCTTGGCCAAAACGATTACCGTGGT
 TCTGGCCTTCAAGGTCACCGCTCCAGGAAGAAGAACAGGTGGTGTGGTAACTCGGCACCTAACTTC
 ATAGTTCCCATCTGTACCTTGATCCAAATTATCTGTGTGGAGTCTGGCTGGGAAACTCCCTCCGTTCA
 TTGACACAGATACACACTCTGAAAATGAACATATTATCATCATGTGCAACAAGGGCTCAGTCACTGCCTT
 CTACTGTGTGCTGGGTTACCTGGGGCTCTAGCCCTGGGAAGCTTACCTTGGCTTCTTGGCCAGGAAC
 CTACCTGACAGTTC AATGAAGCCAAGTTCCTGACATTCAGCATGCTGGTGTCTGCACTGTCTGGGTCA
 CCTTCTCCCTGTCTACCACAGTACTAAGGGGAAGCACATGGTAGTTGTGGAAGTCTTCTCCATCTTGGT
 CTCCAGTGCAGGACTTCTAGGCTGTATCTTTGCCCAAGTGTACATTATTTGTTAAGACCACAGAGG
 AACTCTTTCAGAGTCACAGGCACAAAATACATTATAAGTATATGACT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001099466
Insert Size: 2571 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:	<ol style="list-style-type: none">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_001099466.1</u> , <u>NP_001092936.1</u>
RefSeq Size:	2571 bp
RefSeq ORF:	2571 bp
Locus ID:	288396
Cytogenetics:	12p12