

Product datasheet for **RN205604**

Vom2r56 (NM_001099484) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r56 (NM_001099484) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r56
Synonyms:	RGD1559561
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205604 representing NM_001099484
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCAGACATGGAAGGCGTACACTTTGATTGTGTTCTTCTGCTGCTGAGACTTTCTTTCATCTTGT
 GCAGTTTTCCAGAAGCCACTTGTTTTGGAGAATAAATCACAAATGAAATCTTGAGAGCAACATGAGGAA
 GGACTGTGGTTTCATCCTTTTCACAATACCTGTTTCATCTAGTGGAGATCACTTCAGGGTCTGCTGGAT
 TTTCTTTGCCAGTGAACACATACCCATATGTTCTGGTAATGCTTTTGCCATAGAAGAGATCAACAAGA
 ACCCTAATCTTTACCTAATCTACCTGGGATTTACCTTTCTGGAGACCAGTGTGACATTACATCAAC
 AGATCTCAATAACCTAACATGCTCTCAAAGTCTGGTGAGATGAATCCTAATTATATCTGTGAGTATAGT
 TTCTGTGATGTAGCACTTACAGGACCAACATGGACAGTTTCTGCCGAGTGGGAACACTCCTGCAGCTCT
 TCAAAATCCACAGGTGATGTTAAGTGTACATATGGACCATTTTCATGATAGTCTGAGTGACCGTGATCT
 GTTTCCTCATTTATATCAGATCGCACAAAGGACACTAGCCTCGTTCTTGCCATGGTATCCTTGATGATT
 CATTTCTCTGGAAATGGGTGGGACTGGTTATCTTAGATGATGACCAGGGTGTTCACTTTCTCTCAGATA
 TGAAAGAAGAAGTGAAGACAAACGAAATTTGTTTAGCTTTTGTAATATGATCCCAGCAAACATGCAGTT
 ATACATAGAAAGGGCTGAGACTTATTATTTCAAATAATGACATCATCAGCAAATGTTGTCATCATTTAT
 GGTAATGTGAAGTCTACTCTAGAAGTGAGCTTTAGAAGATGGGAAATGTTAGGCATATGGAGATTGTGGA
 TCACTACCTCACAAATGGGATGTCATCTCAAGGTCAAGAGACTTCACCATTGACTTTTCCATGGAACCTT
 GTCTTTGTACACCATTATCAGGAGATTCTACTTTTAAGCATTTTATTCAGAAAACAACTTTTCTGCT
 TACCCAGAAGCTGTTTCTCTGGTGAGATTGGGATGGATCTATTGAACTGTTCACTGTCTGTATGTGAAT
 GCAAAACACTGAATCATTGCTTATCTAATACTATTGGAATTATTACCGTGGCAGATTTTGACATGGC
 CATGAATGATGAGCGTTACAACATATATAATGCTGTTTATGCTGTGGCCCATGCCTTTCACAATATGCGT
 CTCCAACAAGTAGATATAAAAGTATTGGAAGTTGGGAAGGGCTAATTCCTAGATGCATGCAGGTAATG
 ACTTTCTGAAGAATGTAAGACTTATCAATCCTATAGGAGACCCAGTGAATATTAATCAAGGAAGAAATTT
 AGATGCAATGTATGACATTTTCAACGTTTTGAATTTCCACAAGGTTATGTAATAAGGTGAAAGTAGGA
 CAGTTTTCTCCTATTTTGCACATGACCAACAACCTTTCTTATCTGAAGACATGATAGAGTGGGCCACAG
 GAAGTAGACAGTTTTCCACTTCGGTGTGAGTATGCCTTGCCATCCTGGTTTCAAGAAATCCCATCAGGA
 AGGAAAAGCAGACTGCTGTTTTGATTGTTCCCGATGCTCTGCAATGAGATTTCCAACACAACAGACTCA
 GAGGAGTGTGTGAAGTGTCCAGAAGATTGGTATGCCGACACAGAGCAAACCCACTGCCTGCCAAAGCTG
 TGACATTTCTGGCTTATGAAGATCCTTTGGGGATGGCTCTGTCTGCCTGGCCCTGTGCTTCTGTACT
 TACAGCTCTTGCTTGGGGTCTTTCTGAAGCACAGAGAACTCCCATTTGTGAAGGCTAATAACCGTACT
 CTCAGCTACATTCTGCTAACGGCCCTTATATTTGCTTTCTGCTCCTTGCTCTTTGTTGGAAATCCAA
 ATACTACAACATGTATCCTACAGCAGACTACATTTGGAATTCTGTTCACTGTGTCGGTGTCCACAGTCTT
 GGCCAAACTCTTACTGTGGTCTGGCCTTCAGGATCACTCTCCAGGCAGAAGAATGAGGGGATTGATG
 GTATCAAGGATACCTAAATACATCATTCCCATCTGTACAGTTGTCCAAATAATTCTCTATGGAATATGGC
 TATGGACATCACCTCCCTTTGTTGACATTGATACACACTCTGAACATGGCTGCATCACCATCACATGCAG
 CAAAGGCTCAGTTATGGCATTCTATTGTGTTCTTGATACTTAGGATCTCTGGCCCTAGTGAGCTTCACA
 GTGGCTTTCTTGCCAGGAATCTACCTGACACATTCAATGAAGCCAAGTTCCTGACATTGACATGCTGG
 GTTCTGCAGTGTGGATCACCTTCCTTCTGTCTACCATAGCTCCAAGGGAAAAGTCATGGTAGCAGT
 TGAAGTGTCTTCTATTCTGGCCTCCAGTATGGCCTGCTAGGGTGTATCTTTATCCCGAAATGCTACATT
 ATTTTGTAAAGACCAGACAGAACTCAATTCAAAAGTTCGAGACAAAACACAGATGAATCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001099484

Insert Size: 2586 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_001099484.1, NP_001092954.1</u>
RefSeq Size:	2586 bp
RefSeq ORF:	2586 bp
Locus ID:	503127
Cytogenetics:	7q13