

Product datasheet for **RN202789**

Vom2r71 (NM_001099516) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r71 (NM_001099516) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r71
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202789 representing NM_001099516
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAAGAAGATGTGTGCTTTACCATTTCTCCTTGCTCCTGAAGTTTTCTCTCATCTTGTGCAGTTTTA
 CTGAACCCAGTTGCTTTTGGCGGATACAGAATAATGAAGATAATGATGGAGATTTACGAAGTGACTGTGG
 TTTTGTCTTATCACATATGAGGACCTATAGAAGAAAATTTTATAATAATGTTATCAATTTTAGAATA
 CCAGCAAGAAGATATGAGGTCTTTTGGTGCTGTTATTTGCTACTGATGAGATCAACAGGAATCCTTATC
 TTTTACCAAAACATGTCTTTATGTTCTCCCGCATTGTTGGCATGTGTGAAGATACATTGGGATCTCTGGA
 AAGAAAATATACACCACAAAGTAATTCTTGAAATTTATTAATTATAACTGTGGAATACAGGAAGTATGT
 GATGTACAACCTACAGGACCATCATGGACAACATCCTTGAACCTGGCAATTAATTCTAGGAATCCAAAGG
 TGAGAGTTTTCTTTGGACCATTTAATCCTAACCTGAGTGACCATGACCAGTTTCCCTATGTCTATCAGGT
 AGCAACCGAGGACACATGTTTGTCCCATGCTATGGTGCTTGATGCTTCATTTTAGGTGGACTTGGATA
 GGACTGGTCATAACAGATGATGACCAGGGAATTCAGTTACTCACAGACTTGAGAGAAGAAATGGAAGAC
 ATGGAATGTGTTAGCTTTTGTGAATATGATCCAGAAACCATGCAGATATACATGACAAAAGCTAAGAT
 ATATGACAATCAAATTATGACATCATCAGCCAAGGTTGTTATCATTTATGGTGAAATGAAGTCTACTCTA
 GAAGTCAGTTTTAGAAGATGGGCATATTTAGCTGCACAGAGAATCTGGATCACAACCTCACAATGGGATG
 TCATCACAACCTAGAAAAGATTTAGCCCTTGATTTCTTCCATGGGACTTTCACTTTTGACACCACAATGT
 TGAAGTTCTCTAAATTTAGGCATTTTATGCAGACAATGAACACTTCCAAATACCCAGTAGACATTTCTCAG
 TCTATGCTGGGTGGAATTATTTAATTGTTCAATCTCTAAGAACAGCATTAGCAAAATAGATCATTTTA
 CATTAAACAACACATTGGAATGGTTAGCACAGCACAAATTTGACATGTTCTGAGTGAAGAAGGTTACAA
 TTTGTATAATGCTGTGTACGCTGTGGCCACACCTACCATGAAGTCAATTTACAAGTAGAGTCTCAGAAA
 ATGGCAGAACCCAAAGGATTATTCAGTACTGTGAGCAGGTGGCTTTGTTATTGAAAACAGGGCATTTA
 CTACCCCTGTTGGAGAACTGGTGAACATGAATCATAGGGAAAATCAGTGTGCAAGTATGACATTTCCAT
 CGCTTGGAAATTTTCTCAAGGCCTTGGATTAAGTGAAGTGAAGTATTTCCCTTGTCTTCCACAG
 AGCCAACAACCTCATATATCTGAAGACTTGGAGTGGGCCACAGGAGGAACACTGATTTCCACATCCATGT
 GTAGTGTGGCATGCATTGCTGGATTCAGGAAAATTCATCAGAAACAAGTAACACACTGTTGCTTTGACTG
 TGCCCATTTGCCAGAAAATGAGGTTTCCAATGAGACAGCAGATATGGAGCAGTGTGTGAGGTGTCCAGAT
 GATAAGTATGCCAACTTAGAGCAAACTACTGCCTCCAAAGAGTTGTGTCATTTCTGGCTTATGAAGATC
 CACTGGGGATGGCCCTAGGCTGCACAGCTCTGTGCTTCTTACCTCACAGTTCTAATACTCTTCACCTT
 TTTAAAGTACAAGGATACTCCTATTGTAAGGCCAATAACTGCCTTCTCAGCTACATCCTGCTCATCTCT
 CTAATCTTCTGTTTTCTCTGCTCTTTGCTCTTCATTGGACACCCCAACCATATCACCTGCATCCTGCAGC
 AAACCACATTTGGAGTATTTTTCACAGTGGCTATTTCAACTGTGTTGGCCAAAACAATAACTGTGGTCAT
 GGCTTTCAAGATCAGTACTCCAGGAAATAGGATGAAAGGAATGCTGACCTCAGGGGCACCTAACTTGGTC
 ATTCCCATTTGTACCCTAATCCAACCTGTTCTCTGTGGAATCTGGTTGGGAACATCTCCTCCCTTTATTG
 ACCGAGATATACAATCTGAACCTGGCAAGACCATCGTTATTTGCAACAAAGGGTCTATCTTTGCCTTCCA
 CTTTACCTTGGGATACTTGGACTCTTTGACTCTGATGAGCTTTGCTGTGGCATTCTTGGCTAGGAACCTT
 CCTGACAGATTCAATGAAGCCAAGTTTCTAACTTTCAGCATGCTGGTGTCTGTAGTGTGTGGATCACCT
 TCCTCCCTGTCTATCACAGCACAAAGGGAAAAGTATGGTGGTCTGTGGAGGTCTTTTCCATCTTGGCTTC
 TAGTGCAGGATTGCTAGGGTGTATCTTTGTGCCAAAGTGTATGTTATTTTAGTTAGAACAGATTCAAAT
 TTTCTTCAAAAATACAAAGATAAATTTCAATAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001099516
Insert Size: 2556 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_001099516.1, NP_001092986.1</u>
RefSeq Size:	2556 bp
RefSeq ORF:	2556 bp
Locus ID:	689060
Cytogenetics:	14p22