

Product datasheet for **RN216370**

Vom1r103 (NM_001167553) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom1r103 (NM_001167553) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom1r103
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216370 representing NM_001167553 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTGAGATTCTGTTCTTTCTCCTCCGCCACAGTTCTCATATATGATGAATAAGAACAGCAGACTCT
ACACTGATTCTAACATAAGGAATACCTTTTCACTGAAATTGGCATTGGAGTCTCAGCCAATAGCCTCCT
ACTTCTCTTCAACATCTTCAAGTTAATTTGTGGGCAGAGGTCCAGACTCACTGACCTGCCATTGGTCTC
TTGTCCCTAATCAACTTACTTATGCTACTGATGACGGCATTCTAGCCACAGACACTTTTATTTCTTGA
GAGGGTGGGATGACATCATATGTAATCCCTTCTCTACCTGTACAGAAGTTTATAGAGGTCTCTCTTTG
TACCAGCTGCCTGTTGAGTGTCTGCAGGCCATCATCCTCAGTCCAGAAAGCTCCTGTTTAGCAAAGTTC
AAACATAAGCCTTCCCATCACATCTCCTGTGCCATTCTTCTCTGAGTGTCTCTACATGTTTATTAGCA
GTCACCTCTTAGTATCCATCATTGCCACCCCAAATTTGACCACGAATGACTTTATTCATGTTACTCAGTC
CTGCTCTATTCTACCATGAGTTACCTCATGCAAAGCATGTTTCTACACTGCTGGCCATCAGGGATGTC
TTTCTTATTAGTCTCATGGTCTGTCAACATGGTACATGGTGGCTCTCTGTGTAGGCACAGGAAACAGA
CCCGGCATCTTCAGGGTACCAGCCTTTCCCAAAGCATCCCCAGAACAAAGGGCCACCCGTTCCATCCT
GATGCTCATGAGCTTATTTGTTCTGATGTCTGTCTTTGACAGCATTGTCTGCAGCTCAAGAACTATGTAT
CTGAATGATCCAATATCTTATTCTATTCAACTATTTATGGTGCACATCTATGCCACAGTAAGCCCTTTTG
TGTTTATTGTCACTGAAAACATATAGTTAACTCTTTGAGGTCCATGTGTGTGAAGGTGATGAATGTTTG
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001167553


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Insert Size:	981 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001167553.1, NP_001161025.1</u>
RefSeq Size:	981 bp
RefSeq ORF:	981 bp
Locus ID:	100312735
Cytogenetics:	4q34
Gene Summary:	putative pheromone receptor; may play a role in olfactory sensory perception [RGD, Feb 2006]