

Product datasheet for **RN201963**

Vom2r53 (NM_173131) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom2r53 (NM_173131) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vom2r53
Synonyms:	RGD1310577
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201963 representing NM_173131
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTAGAATTGGCCATGGCACTCTGACTTTCTCACCCATCATGGGGAGATTTCTGATTTCAAAATT
 TTATGCAGGAAGTCACCCCTATCAAGTACCCAGAAGACATTTTTCTTACATCTTGTGGAACCAGTATTT
 CAATTGCCACTTTTGCATTCTGAGTGTAAAATCTTTGAAAAGTGTATACCCAATGCCTCTTTGGAATTG
 TTGCCAGGGGTGTTTTGAGCTGGTCTGACTGAAGAGAGTTACAATGTGTACAATGCTGTGTATGCAG
 TGGCCACAGTCTCCATGAGAAGGCTCTCCATCAAGTAGAAATCAACCACAGGATAATAAAGATAGGAC
 TATATTATTTCTTGGCAGCTTACCCTTTTCTGAAGAACATTCAGCTGATAAATCTGTTGGTGATCGT
 GTGATTCTGGACTGGAAAAAGAAGACGGATACAGAGTATGATATTTCCAATTTTGAATTTCCCAACAG
 GTCTTTCTTATTAGTAAAAGTGGGTACATTTGCTCCAAGTCTCCCAAGGGGGAACAATTTTCGATATC
 TGAACACACAATTAAGTGGCCATAGGATTTACAGAGATTCCAAAGTCTGTATGCAGTGAGAGCTGCAGT
 CCTGGACACAGAAAGTCATCCTGGAGAGCAAGCCTGCCTGTTGCTTTGACTGCCTCTTGGCCAGATA
 AAGAGATTTCCAACGAGACAGATGTGGTCAAGTGTGTGAAGTGTCTGAATCTCATTATGCAAAATACAGA
 GAAGAGTCACTGCCTGAAGAAGACTATGACCTTTCTGGATTATAATGATTCCTTGGGGACGGGACTCACA
 CTCATGTCTCTGGGATCTTTGTTGTACAGGTCTTGTATTGGGGTTTTATAATCCACAGAAACACTC
 CAATTGTGAAGGCAATAATAGATCTCTCAGTTATATCTGTCTCACTCTCACTCTCTGTTTCCTTTG
 TCCCTTGTCTTCTATTGGGCTTCCAAACACAGCCACATGTATCCTACAGCAGAATTGTTTGGACTTCTC
 TTCCTGTGGCTCTATCCACAGTGTGGCCAAACTATCACTGTAGTTATGGCATTCAAGATTACTGCTC
 CAGGAAGAAAGACAAGATGGTTGCTGATATTAAGAGCCCTCAGTTCATCATTCCACTTTTGGCCCTGAT
 GCAAAATCTTTTCTCTGGGATATGGCTGGGAACATCTCCTCCATTTGTTGACATGGATGCTCACTCTGAA
 CATGGGCACATCATCTATGCAACAAGGGCTCAGCTATTGGCTTCTACTGTACTCTGGCCTACCTGG
 GAGTCAATGGCCTTTGGTAGTTACCTCTTGGCTTTCATGTCCAGGAATCTTCTGACACATTTAATGAATC
 CAAGGCCCTGGCTTTCAGCATGTGATGTTCTGCAGTGTCTGGGTACATTCTCCTGTCTACCCACAGC
 ACCACTGGGAAGGTCAAGGTGGCTATGGAAATGTTTTCTATCTTGGCTTCCAGTGAAGCATTCTAACCC
 TAATCTTTGTCCCTAAGTGTACATTGTTTTGTTTCAGACCAGAGGAACATACTTCTCTAACACAGAGA
 AAAAAGACAGCATAGGAGTAAAAATTCTGAAACA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_173131

Insert Size: 1647 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: [NM_173131.2](#), [NP_775154.1](#)

RefSeq Size: 2800 bp

RefSeq ORF: 1647 bp

Locus ID: 286915

Cytogenetics: 7q11

Gene Summary: putative pheromone receptor [RGD, Feb 2006]