

Product datasheet for **RR203773**

Vom1r84 (NM_001009528) Rat Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Vom1r84 (NM_001009528) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Vom1r84 |
| Synonyms: | V1rc43 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RR203773 representing NM_001009528 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTTCAATCAAGACTGTCCTTTATTTCCAAGCTGGACTAGGAGTCTAGCCAATATGTTTCTGCTGA
TTTTCTATATCTTCATAATCCCAGGTCACAGACCTAAGCCTGTGGACATGATCTCCTGTCAACTGACCTT
TATTCATATAATTATGGTTCTCACTGGATGGGATATTTGGCTTGCTGACATGTTTGAGTTGTTGAATATT
GATAATGACTTCAAATGTAAGGCAATTATTTACATAAACAGGGTAATGAGAGGCCTCTATCTGTGTCA
CCTGCCTCCTGAGTGTGTTCCAGGCTGTCACTATCAGTCCCAGTACCTCGCTGTTGGCAAAATTTAAATG
TAAGCTGAAAAAGTACATCATCTATGCTTTTTTCTATTTTTGGTCTTTCAATTTGTCTTCAGCATTAA
CAGATCTTCTCTCTTGGTGCTTATACCATTGTGAGTGAGAACAACCAGATGAGGGTCACTAAATACTGCT
CACACTTTCCCATGAACAGCATCATCAGGGGATTGATTTAACTAACTACTTTAAGAGATGTGTTTCT
TGTAGGAGTCATGCTAAGCACAAAGTGCATACATGGTGACTTTCTGTTTCCAGATCAGAGGCAATGCAAG
CATCTGCATAGCATCAGACATCTGAGAGCATCCCCTGAGAAAAGAGCCACCCAGACCATCTTGCCTCTGG
TGGTCTTCTTTGTGTTTTCATGTAAGTGGTGGACTTCATCATCTCAAACACCTCGATCCTGTTATGGAGATA
TGACCCTGTATCCTGCCTATTCAGCAGTTTGTGATGAATGCCTATCCCACAATTAATCCTTTAGTACAA
ATCAGTTCTGACAATAGAATAATCAATGTGTTGAAAACTTGTGGCCAAATGTACCAGGCTTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR203773 representing NM_001009528
 Red=Cloning site Green=Tags(s)

MSSIKTVLYFQAGLGVLANMFLIFYIFIIIPGHRPKPVDMISCQLTFIHIIMVLTGWDIWLADMPELLNI
 DNDFKCKAIIYINRVMRGLSICVTCLLSVFQAVTISPSTLLAKFKCKLKKYIIYAFFYFWSFNLSFSIN
 QIFSLGAYTIVSENNQMRVTKYCSHFPMNSIIRGLILTLTLRDVFLVGVMLSTSAYMVTFLFRHQKQCK
 HLHSIRHLRASPEKRATQTILLVVFVFMVWDFIISNTSILLWRYDPVILPIQQFVMNAYPTITPLVQ
 ISSDNRIINVLNKLPKCHQAF

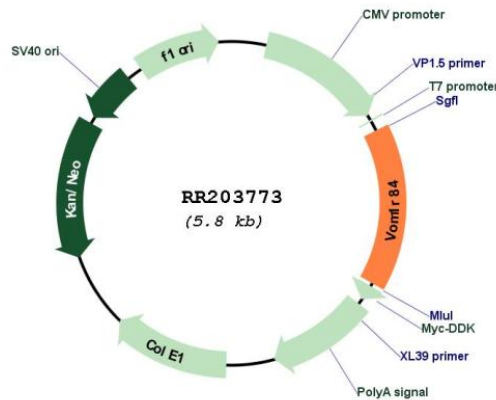
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001009528

ORF Size: 906 bp

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| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| 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: | NM_001009528.1 , NP_001009528.1 |
| RefSeq Size: | 909 bp |
| RefSeq ORF: | 909 bp |
| Locus ID: | 494248 |
| Cytogenetics: | 4q24 |
| MW: | 35.1 kDa |