

Product datasheet for **RR201874**

Vom1r25 (NM_001008921) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vom1r25 (NM_001008921) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vom1r25
Synonyms:	V1rm2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR201874 representing NM_001008921 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGATGAGTGATCAATTTTGGAGTAGGGAGTATCTTCTTAATGCAGACTGGAGTGGGCACCATGGGAA
 ACTCCTTGCTTTTCTGTCTTTATACCTACAATTTGCTCACTGGACAAAAGATGAGGCCACAGACTTGAT
 TCTTAACCAACTGGTCTTTGTCAACAATTTACTTCTTTCTTCAGAGGGATCCCTCAGATAATGGCAGCT
 TTTGGGTGGAAGAGTTTCATGGGTGATGCTGAATGTCAGCTTGTTATATATATTCACCGAGTAGCAAGGG
 GTGTTTCTCTTTATACCACTTGCCTTCTCAGTGCCTTTCAGGCCACCAAGCTTGGTTCACCTTTATCTTG
 GTTAAACCAAGCTCATAATACGATGTCCAAGGTGTATTGGATTCTGTTGCCTCTATATTTGGATCCTGCAA
 CTCTTGTTAAATATTGAAATCTTAGAAGAGTTACTGGCCCAAGGGACAGTAAAAATTTAAGTATGAACA
 TGAATTACAAATCTGTTCTCATTGATACCAAGAAATATGTAGTTGTATTAAATCTGTCTTATTTTT
 TGTGATGGATTTTTATGTTTGATGTTTATAATATGGCTTGTAGTTCTATCATCAATTTCTATACAAA
 CACAAGCAGCAAGTTCATTACATTCACAGCCAATGCATCTACCTCGAATATCCCTGAGGATAGAGCTA
 CATGTAAGTCTTATCTTGGTGACAATTTGCTTTCTCTTTGCTGCTTCCATTTCACTTTTGG
 TCGTAGTTTTATTAGGGACCCAAATCAGTGGCTGGTTGATGCTACTGTTTCTAGGTGCATGCTTCCCA
 GCGTTCAGCCCCCTTCTGCTCATCATCACTGACAGACAGTGTTTACATATGTAATTTTACAGGAGAA
 ACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RR201874 representing NM_001008921
 Red=Cloning site Green=Tags(s)

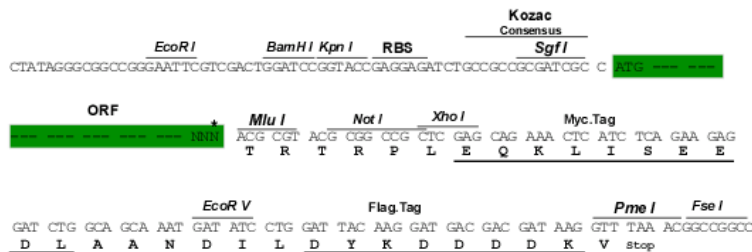
MMSDINFGVGSIFLMQTGVGTMGNSLLFLCYTYNLLTGQKMRPTDLILNQLVFVNNLLFFRGIPQIMAA
 FGWKSFMGDAECQLVIYIHRVARGVSLYTTCLLSAFQATKLGSTLSWFNQLIIRCPRCIGFCCLYIWLQ
 LLVNIEILRRVTGPRDSKNLSMNMNYKFCSSLIPEKYVVVLNSVLFFVMDFLCLMFIWACSSIIINFLYK
 HKQVHYIHSQCIYPTIPEDRATCTVLILVTTFAFFLCLSSISTFCRSFIRDPNQWLVDATVFLGACFP
 AFSPFLLIITDRHVFIYICNFYRRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001008921

ORF Size: 912 bp

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:

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_001008921.1, NP_001008921.1

RefSeq Size: 915 bp

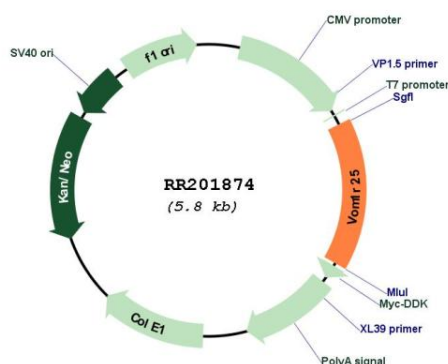
RefSeq ORF: 915 bp

Locus ID: 494270

Cytogenetics: 8q11

MW: 35.1 kDa

Product images:



Circular map for RR201874