

## Product datasheet for **RR212331**

### Vps9d1 (NM\_001107440) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vps9d1 (NM_001107440) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vps9d1
Synonyms:	RGD1565149
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

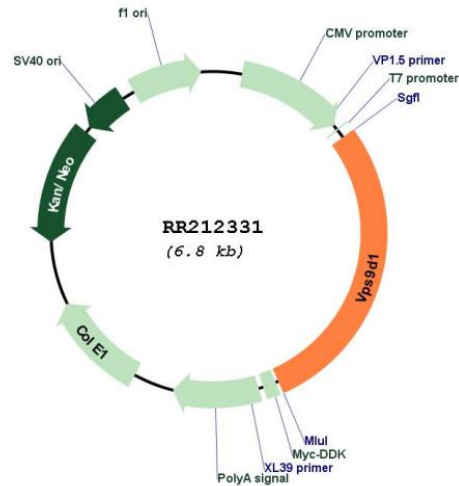
>RR212331 representing NM\_001107440  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGCTGCGGCCGGGACGGCGCGCGGAAGCCACTGCAAAGCGCCATGAAACTGGCCAACAAGGCCA  
 TCGAGCTAGACACCGCAACCGGCCCGGGAAGGTACATGGAATACCTGAGGAGCATCCGCTACATCTC  
 CCAGGTGTTGCTCGAAGACGTGGAACACTACAGCTGGGAAACCGTGCCCCCTGAGACCTCAAAGATG  
 CTGAAGCTGGCTGAACAGTGTCTGGAGCGGGCCAGTCAACAGCTACAAACTTGGGAAAATATGCCTGA  
 AGCCAGCCATACCTGCAGCCCCTCCCGTGCCTTGCCAGCCGACACCGCCGAGTGTGTTGAGTGAAGG  
 GGGGAAGCTCTCTCTTCTGCCCCCTGAGATCTTCCAGAAGCTGCAGGTGGCAGAATCGCACAACCTCT  
 AAGAAGGAGCTAACACCACTGGAGAAGGCCTCCCTACAAAACCAGAAGCTGAGGGCCACATATGAGGCC  
 GGATGGCCGCTGAGACCCAGCCAGGCCATGCAGAAGACATCACTGACTCTGTCTCTACAGCGGCAGAT  
 GATGGAGAATCTGGTATCGCCAAAGCAAGAGAAGAGACTGCAGCGGAAGATGGAGCAGCGCCGCTG  
 CGACTTACAGGAGCTGCCAACAGGAGTTCTGCAGTCAAGTTGCTCTGACCCAGAGGAGCGGGAGCAGC  
 GAGCCCTGTATGCTGCCATCTTGAATATGAGCAAGACCATGACTGGCCAAGCACTGGAGAGCCAAAGCT  
 TAAGCGGAGCCCAGGGGACCTGTCACTGGTGACCAGCCTGGTCTCCACCTGCTCAGCCTTCTGATCAC  
 CCCATTTCCAGCTCCTGAAGAAGCTCCAGTGTGAGTATACAGTGCAGTGTACCCTGTTGTGAGCCGGG  
 CTGCTATCTGTGCTGTGCTGCCCCAGGAGCTGCTCCCTGCCCCAGAAGCCAAATGGCCTCCTAGCTCC  
 TGGGAGCCGGCGACTTCGGTCTCCAGAGCCTTACTGCATGCTCTCCCTCAGAGCCAGTGCAGCC  
 CCGAGAGCTCTGGACGGACCTCCTTCCACACCTTCTATCCCATACTCCACTCAGGCACCCTGGACAGAG  
 AGGCAGATGGCAGCCCAGCAGGGCCCTCCTCACCCCTGGTGGTGCTTTACCCACCTGCCAGACAAGGA  
 CAGCTCCTTTGAGGACCTGGAACAGTTTTTGGCTATGTCTGAGCCACAGACCCAGGAGCAAAGAGGGAG  
 CCCTTGCTGGAATGTCTGAAGAGCACAGTAAAGGACATTCACAATGCCATCGACAGACTGCTCTCGCTGA  
 CCCTATTGGCCTTCGAAAGCCTGAATACAGCCACCTGCAAAGACCGCTGCCTGGCATGCATCGAGGAGCC  
 CTTCTTCTCCCACTGTGGCCCTGCTGCTAGCCCTCTACAGGAGTGTGCACCGTACCCGGGAGGCTGCT  
 GTGAGCAGGAGCATGGAGCTGTACAGGAACGCACTCCCTACAGCCCTTGGCATCCCCACCAAGCTCCTCC  
 CATGCGTCCCTGAGGCTCAAGCCTCCACCTACCCCTACTGCAGTGCAGCCAGGAACTGGGGCTGCTGGT  
 CTTGGAGAGCTGCCCTCAGAAGAAGCTGGAGTGCATCGTGGGACTCTGCGGGTCTGTCATCTGTGCA  
 GAAGACTACTGCCGTGCCAAGAGGCCAGGCCTGAGGGTGGATCCAGCCCCGGCTGCTGCCATTGGTG  
 CTGATGACTTGCTGCCATTCTGTCTTTGTGGTGTGAGAAGTGGCCTCCCCAACTAGTATCAGAGTG  
 CGCAGCCCTGGAGGAATCACTCATGAAGGTAATGATTGGAGAAGAAGGGTACTGCTGACATCACTG  
 CAGAGTGTCTGAGCTATGTGGAACTTTTGTCGGGGACGGCTGGACAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**Plasmid Map:**


**ACCN:** NM\_001107440

**ORF Size:** 1941 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\\_001107440.2](#), [NP\\_001100910.2](#)

RefSeq Size: 2716 bp  
RefSeq ORF: 1944 bp  
Locus ID: 307923  
Cytogenetics: 19q12  
MW: 71 kDa