

Product datasheet for **RN212331**

Vps9d1 (NM_001107440) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN212331 representing NM_001107440
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGCTGCGGCCGGGACGGCGCGCGGAAGCCACTGCAAAGCGCCATGAAACTGGCCAACAAGCCA
TCGAGCTAGACACCGCAACCGGCCCGGGAAGGTACATGGAATACCTGAGGAGCATCCGCTACATCTC
CCAGGTGTTGCTCGAAGACGTGGAAAACACTACAGCTGGGAAAACCGTGCCCCCTGAGACCTCAAAGATG
CTGAAGCTGGCTGAACAGTGTCTGGAGCGGGCCAGTCAACAGCTACAAACTTGGGAAAATATGCCTGA
AGCCAGCCATACCTGCAGCCCCTCCCGTGCCCTTGCCAGCCGACACCGCCGAGTGTGTTAGATGAAGG
GGGGAAGCTCTCTCTTCTGCCCCCTGAGATCTTCCAGAAGCTGCAGGTGGCAGAATCGCACAACCTCT
AAGAAGGAGCTAACACCACTGGAGAAGGCCTCCCTACAAAACCAGAAGCTGAGGGCCACATATGAGGCC
GGATGGCCGCTGAGACCCAGCCAGGCCATGCAGAAGACATCACTGACTCTGTCTCTACAGCGGCAGAT
GATGGAGAATCTGGTATCGCCAAAGCAAGAGAAGAGACTGCAGCGGAAGATGGAGCAGCGCCGCTG
CGACTTACAGGAGCTGCCAACAGGAGTTCTGCAGTCAAGTTGCTCTGACCCAGAGGAGCGGGAGCAGC
GAGCCCTGTATGCTGCCATCTTGAATATGAGCAAGACCATGACTGGCCAAGCACTGGAGAGCCAAAGCT
TAAGCGGAGCCCAGGGGACCTGTCACTGGTGACCAGCCTGGTCTCCACCTGCTCAGCCTTCTGATCAC
CCCATTCCCAGCTCCTGAAGAAGCTCCAGTGTGAGTATACAGTGCAGTGTACCTGTTGTGAGCCGGG
CTGCTATCTGTGCTGTGCTGCCCCAGGACGTGCTCCCTGCCCCAGAAGCCAAAGGCCCTCTAGCTCC
TGGGAGCCGGCGACTTCGGTCTCCAGAGCCTCTACTGCATGCTCTCCCCTCAGAGCCAGTGCAGCC
CCGAGAGCTCTGGACGGACCTCCTTCCACACCTTCTATCCCCATACTCCACTCAGGCACCTGGACAGAG
AGGCAGATGGCAGCCAGCAGGGCCCTCCTCACCCCTGGTGGGTGCTTTACCCACCTGCCAGACAAGGA
CAGCTCCCTTTGAGGACCTGGAACAGTTTTTGGCTATGTCTGAGCCACAGACCCAGGAGCAAAGAGGGAG
CCCTTGCTGGAATGTCTGAAGAGCACAGTAAAGGACATTCACAATGCCATCGACAGACTGCTCTCGCTGA
CCCTATTGGCCTTCGAAAGCCTGAATACAGCCACCTGCAAAGACCGCTGCCTGGCATGCATCGAGGAGCC
CTTCTTCTCCCCACTGTGGCCCTGCTGCTAGCCCTCTACAGGAGTGTGCACCGTACCCGGGAGGCTGCT
GTGAGCAGGAGCATGGAGCTGTACAGGAACGCACTCCCTACAGCCCTTGGCATCCCCACCAAGCTCCTCC
CATGCGTCCCTGAGGCTCAAGCCTCCACCTACCCCTACTGCAGTGCAGCCAGGAAGTGGGGCTGCTGGT
CTTGGAGAGCTGCCCTCAGAAGAAGCTGGAGTGCATCGTGGGACTCTGCGGGTCTGTCATCTGTGCA
GAAGACTACTGCCGTGCCAAGAGGCCAGGCCTGAGGGTGGATCCAGCCCCGCTGCTGCCATTGGTG
CTGATGACTTGTGCCATTCTGTCTTTGTGGTGTGAGAAGTGGCCTCCCCAACTAGTATCAGAGTG
CGCAGCCCTGGAGGAATCACTCATGAAGGTAAGTATTGGAGAAGAAGGGTACTGCCTGACATCACTG
CAGAGTGTCTGAGTATGTGGAACTTTTGTCGGGGACGGCTGGACAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107440

Insert Size: 1944 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_001107440.2](#), [NP_001100910.2](#)

RefSeq Size: 2716 bp

RefSeq ORF: 1944 bp

Locus ID: 307923

Cytogenetics: 19q12