

Product datasheet for **RN214142**

Vdac2 (NM_031354) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vdac2 (NM_031354) Rat Untagged Clone
Tag: Tag Free
Symbol: Vdac2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214142 representing NM_031354
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGAATGTTGTGTACCGGTATGCCAACGGCCAATTTGTATCCCTCCACCCTATGCTGACCTTGCCA
AAGCTGCCAGAGATATTTTCAACAAAGGATTTGGTTTTGGTTGGTAAAGCTGGATGTGAAAACGAAGTC
ATGCAGTGGTGTGAATTTCAACATCTGGCTCATCTAATACAGACACTGGTAAAGTCAGTGGGACCTTG
GAGACCAAGTACAAATGGTGTGAGTATGGTCTGACTTTCACAGAGAAATGGAACACTGACAACACTCTGG
GGACGGAGATTGCAATTGAAGACCAGATTTGTCAAGGTTTGAAACTGACCTTTGACACCAGTTTTCACC
AAACACAGGAAAAGAAAAGTGGTAAAATCAAGTCTGCTTACAAGAGGGAATGTATAAACCTTGGCTGTGAT
GTTGATTTTGTATTTGCTGGACCTGCCATCCATGGGTGAGCCGCTTTGGTTACGAGGGCTGGCTTGCTG
GGTACCAGATGACCTTTGACAGTCCAAGTCAAAGCTGACAAGGAGTAACCTCGCAGTTGGCTACAGGAC
TGGGGACTTCCAGCTACACACAAATGTAATAATGGGACAGAATTTGGAGGATCAATTTATCAGAAAAGTA
TGTGAAGATTTTGACACTTCAGTAAACCTTGGTGGACATCAGGTACCAACTGCACTCGTTTTGGCATTG
CAGCTAAATACCAGTTGGACCCACTGCTTCTATTTCTGCAAAGGTCAACAACTCTAGTTTAATTGGAGT
GGGCTATACTCAGACTCTGAGGCCTGGTGTGAAGCTTACTGCTGCTGCTGGTAGACGGGAAGAGCTTT
AATGCTGGAGGCCACAACTTGGCTTGCCTTGAATTGGAGGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_031354
Insert Size: 888 bp



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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:	<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:	<u>NM_031354.1</u> , <u>NP_112644.1</u>
RefSeq Size:	1715 bp
RefSeq ORF:	888 bp
Locus ID:	83531
UniProt ID:	<u>P81155</u>
Cytogenetics:	15p16
Gene Summary:	small pore-forming channel found in the mitochondrial outer membrane [RGD, Feb 2006]