

## Product datasheet for **MC205655**

### Vdac3 (NM\_011696) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Vdac3 (NM\_011696) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Vdac3  
**Synonyms:** MGC102096  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC004743  
GCGGGACGGGCCACCCTCGGGTTGTAGCTATGTGTAACACACCAACTTATTGCGACCTAGGAAAGGCTG  
CCAAGGATGCTTTAACAAGGGTATGGGTTTGGCATGGTCAAGATAGATCTGAAAACCAAGTCTTGATG  
TGGAGTGGAAATTTCTACTTCAGGTCATGCTTATACTGATACAGGGAAAGCATCAGGCAACCTAGAGACC  
AAATATAAGGTCTGCAACTATGGGCTCACCTTCACCCAAAAGTGGAAATACAGACAATACTCTGGGACAG  
AAATCTCTGGGAGAATAAGTTGGCTGAAGGGTTGAACTGACTCTTGATACCATATTTGTACAAAACAC  
AGGAAAGAAGAGTGGGAAATTAAGGCCTCCTATAGACGGGATTGTTTTAGTCTCGGCAGTAATGTTGAT  
ATAGATTTTTCTGGACCGACCATCTATGGCTGGGCTGTGTTGGCCTTTGAAGGTTGGCTTGCTGGCTATC  
AGATGAGTTTTGACACAGCCAAATCCAACTGTCTCAGAATAATTCGCTCTTGTTACAAGGCTGCAGA  
CTTCCAGCTGCATACTCACGTGAATGATGGCACTGAGTTTGGAGGCTCAATCTACCAGAAAGTTAACGAG  
AGGATTGAAACGTCAATAAACCTGGCATGGACAGCTGGCAGCAACAACACTCGTTTTGGCATCGCTGCTA  
AATATAAGCTGGATTGTAGAACTTCTCTATCTGCCAAAGTAAACAATGCCAGTTTAAATTGGACTGGGTTA  
TACGCAGACCCTCCGACCAGGAGTCAAACCTGACCTGTCAGCTTTAATAGATGGAAGAAGTCAATGCA  
GGAGGCCACAAGGTTGGATTGGGATTTGAACTGGAGGCTTAGTGTGGTTTTGAGTAGAGTATCACTTGTC  
CCTGGAATGAAGAGAAATGAACCCACTATGTTTTGGCCTTAAATTTCTGTGAAATTTCAAAGTGTGAA  
CTTTTTATTCTTCAAAGAATTGAATTTCTCCACACTGAAGTCTAGAGATTACAGATCTATCCAATGG  
GAGGTCCTGGAAGGCATGCCTGGAAATGTGATGTTTGTGCCACATTTGAGTTGAGTTCTGCAGAGTTAA  
TTAAATATGTTCTCAGCAACAACGTAGTGTGATGTTAAAGGAGCGACCTGCCTCCCGGTCTGTACAC  
CGTGTCTGCATGTCCCAGTCCACTTTTCCATGGCCTTTTGTATATCAGTCTCTGCTCTAGTGAGAGCT  
TTGGTTTTGCATCAGAGTAAAATAAACCCATCACATTTGGAACACAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** EcoRI-NotI  
**ACCN:** NM\_011696  
**Insert Size:** 852 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC004743</a> , <a href="#">AAH04743</a>
<b>RefSeq Size:</b>	1328 bp
<b>RefSeq ORF:</b>	852 bp
<b>Locus ID:</b>	22335
<b>UniProt ID:</b>	<a href="#">Q60931</a>
<b>Cytogenetics:</b>	8 11.42 cM
<b>Gene Summary:</b>	Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' coding region, compared to variant 1, and encodes an isoform (2) that is one amino acid shorter than isoform 1.