

Product datasheet for **MC200588**

Vdac2 (NM_011695) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vdac2 (NM_011695) Mouse Untagged Clone
Tag: Tag Free
Symbol: Vdac2
Synonyms: mVDAC2; mVDAC6; Vdac6
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003731 sequence for NM_011695
TTCAC TTCGCCCTCCAGCCGCGTGGCTGCAGCGCAACTTCCAGATAGCGGAGTGGCCTCAGCTGCGGAGC
CGAGCGGTGGCGCAGCGCCCTCAGGACACCCGAGATCACCTTTCCCGCGACTTCGCCATGGCTGA
GTGCTGTGTACCGGTATGCCACGCGCGATGTGTATCCCTCCACCCTATGCTGACCTCGGCAAAGCTGCC
AGAGACATTTTCAACAAAGGATTTGGCTTTGGGCTGGTGAAGCTGGATGTGAAGACGAAGTCATGCAGCG
GTGTGGAATTTTCAACATCTGGCTCATCTAATACAGACTGGTAAAGTTAGCGGGACCTTGAGACCAA
GTACAAATGGTGTGAGTATGGTCTGACTTTCACAGAGAAGTGAACACCGATAAACAATCTGGGGACAGAG
ATTGCAATTGAAGACCAGATTTGTCAAGTTTGAAGTACTTTTACACCACCTTTTACCGAACACAG
GAAAGAAAAGTGGTAAAATCAAGTCTGCTTACAAGAGGGAGTGTATAAACCTCGGCTGTGATGTTGACTT
TGATTTTGCTGGACCTGCCATCCATGGGTCAGCTGTCTTTGGTTACGAGGGCTGGCTTGCTGGGTACCAA
ATGACCTTTGACAGTGCCAAGTCAAAGCTGACAAGGAGTAACTTTGCAGTCGGCTACAGGACTGGGGACT
TCCAGCTACACACAAATGTAATAATGGGACAGAAATTTGGAGGATCAATTTATCAGAAAAGTATGTGAAGA
TTTTGACACTTCAGTAAACCTCGCTTGGACATCAGGTACCAACTGCACTCGTTTTGGCATTGCAGCTAAA
TACCAGTTGGATCCTACTGCTTCTATCTCTGCAAAGGTCAACAATCTAGTTAATTGGAGTGGGCTATG
CTCAGACTCTGAGGCCTGGTGTGAAGCTTACACTGTCTGCTCTGGTAGACGGGAAGAGCTTAAATGCTGG
AGGCCACAACTTGGGCTTGCCCTGGAATTGGAGGCTTAATCCAGTAAAAGAAACCTCTGGGAACGAAT
ATCAGAAGATTTGGCCTAATAATTTCCATGCGACCAGCAGGCTCCCTTCCTTCCCCAGAAGGTGAT
CACATCAAAGGATGATGAAGCAAGAGCTGTATTTAAATATTTAGACAGTCACTGTTGGCTGGTTCTAG
TTGGATGGTTATCAGTGTGCCGTGGTGGGCTCCTATACATTATTTAAATGATTTAACTGTTAAATG
TGCTACCCACCAATGATGAAATAGACGTTTATGAAAACCGTGAIAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_011695
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:	BC003731 , AAH03731
RefSeq Size:	1317 bp
RefSeq ORF:	888 bp
Locus ID:	22334
UniProt ID:	Q60930
Cytogenetics:	14 11.91 cM
Gene Summary:	Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules. The channel adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV. The open state has a weak anion selectivity whereas the closed state is cation-selective (By similarity).[UniProtKB/Swiss-Prot Function]