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Product datasheet for MC226786

Vdac3 (NM_001198998) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vdac3 (NM_001198998) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vdac3
Synonyms:	MGC102096
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC226786 representing NM_001198998
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGTAACACACCAACTTATTGCGACCTAGGAAAGGCTGCCAAGGATGTCTTTAACAAAGGGTATGGGT
TTGGCATGGTCAAGATAGATCTGAAAACCAAGTCTTGTAGTGGAGTGATGGAATTTTCTACTTCAGGTCA
TGCTTATACTGATACAGGGAAAGCATCAGGCAACCTAGAGACCAAATATAAGGTCTGCAACTATGGGCTC
ACCTTCACCCAAAAGTGGAATACAGACAATACTCTTGGGACAGAAATCTCTTGGGAGAATAAGTTGGCTG
AAGGGTTGAAACTGACTCTTGATACCATATTTGTACCAAACACAGGAAAGAAGAGTGGGAAATTAAAGGC
CTCCTATAGACGGGATTGTTTTAGTCTCGGCAGTAATGTTGATATAGATTTTTCTGGACCGACCATCTAT
GGCTGGGCTGTGTTGGCCTTTGAAGGTTGGCTTGCTGGCTATCAGATGAGTTTTGACACAGCCAAATCCA
AACTGTCTCAGAATAATTTCGCTCTTGGTTACAAGGCTGCAGACTTCCAGCTGCATACTCACGTGAATGA
TGGCACTGAGTTTGGAGGCTCAATCTACCAGAAAGTTAACGAGAGGATTGAAACGTCAATAAACCTGGCA
TGGACAGCTGGCAGCAACAACACTCGTTTTGGCATCGCTGCTAAATATAAGCTGGATTGTAGAACTTCTC
TATCTGCCAAAGTAAACAATGCCAGTTTAATTGGACTGGGTTATACGCAGACCCTCCGACCAGGAGTCAA
ACTGACCCTGTCAGCTTTAATAGATGGAAAGAACTTCAATGCAGGAGGCCACAAGGTTGGATTGGGATTT
GAACTGGAGGCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001198998
Insert Size:	855 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001198998.1, NP_001185927.1
RefSeq Size:	1423 bp
RefSeq ORF:	855 bp
Locus ID:	22335
Cytogenetics:	8 11.42 cM
Gene Summary:	Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).

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