

Product datasheet for **MC200063**

Vapa (NM_013933) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vapa (NM_013933) Mouse Untagged Clone
Tag: Tag Free
Symbol: Vapa
Synonyms: 33kDa; VAP33
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003866 sequence for NM_013933
 GGATCGCAGTGCCTGGCCGCGGCTGGTGTGGGGTTGAGTCAGTTGTGACACCCGGAGCTGCTGAG
 CGGACAGGCTGCCCTCGGGACCCCGCGGCCCGGCAGCAGCGCGGAGCTTCGGGAATCGTGAGCCTGGC
 CCCGTCCTAGAGCTCCGCGGAGCCGCGCCGCCACCGTCCCCTCGCCCCGCCAGCGAACCGCCGCGCG
 GCGCGCCCCGCTCTGCGCTGCGCTGTCTCCTATGGCGTCCGCCTCCGGGCCATGGCGAAGCACGAGC
 AGATCCTGGTCTCGACCCTCCTCAGACCTCAAATTCAAAGGCCCTTCACAGATGTAGTCACTACAAA
 TCTTAAATGCAAAATCCATCGGATAGAAAAGTGTGTTTCAAAGTGAAGACTACAGCACCTCGCCGGTAC
 TGTGTGCGGCCAACAGTGGGATTATTGACCCGGGTCAATTGTGACTGTTTCAGTAATGCTGCAACCTT
 TTGATTATGATCCGAATGAAAAGAGTAAACATAAGTTCATGGTACAGACAATTTTGTCCACCAAACAT
 TTCAGATATGGAAGCTGTGTGAAAGAAGCAAAACCTGATGAATTAATGGATTCTAAATTGAGATGTGTG
 TTTGAAATGCCGAATGAAATGATAAGCTGAATGATATGGAACCTAGCAAAGCTGTCCACTGAATGCAT
 CCAAACAAGACGGACCCCTGCCAAAACACACAGTGTTCCTCAATGATACGGAACAAGGAACTGAT
 GGAAGAGTGCAAGCGACTCCAGGGAGAAATGATGAAGCTCTCAGAAGAAAACCGACACCTGAGAGATGAA
 GGCCTAAGGCTCAGAAAGGTAGCACATTCGGATAAACCTGGATCCACCTCAGCCGTGTCCTTCAGAGATA
 ATGTCACCAGTCTCTTCTTCTTCTGGTTGTAATTGCAGCCATTTTCATTGGATTCTTCTAGGGAA
 ATTCATCTGTAGAGTGAAGCATGCAGAGTGTCTTTTTTTTTTTTTTTTTTCTCTCGACCAGAAA
 AAGATTTGTTTACCTACCATTTTCATTGGTAGTATGGCCCGGGTGACCATGGCCCGGGTGACCAATTTT
 TTTTGTGTGTACAGCGTCATATAGGCTTTGCCTTAAATGATCTCTACGGTTAGAAAACACAATAAAAAC
 AAAGTTCGGCTACTGGACAAATGATATTATCAGATCATCACTAGCAGATGTCAGTTGCACATTCAG
 TCCTTTATGAAATTCATAAATAAAGAATTGTTCTTTCTTTGTTGTTTAAATAAGAGTTCAAGAATTGTTT
 AGTCTTGTAATGTTATTTTAAATTCCTTTAAATTTTATCTGTTGCTGTTACCTCTTGAATATGATT
 TATTTAGATTGCTAATCCACTCATTGAGGAAATGCCAAGAGGTTTTCTGTGGGGGAAATGGTGCCTCTT
 ACTGTGTAATTTTCTCTTTACCTTTGCTAATATCATGGCAGAAATTTTCTTATCCCTGTGAGGCAGT
 TTGTTGACTGAGTTTTTCATCCTTACAATCCTGTCCCATGGTATTTAACATAAAAAAATAAACTGTTA
 ACAGATTCTTGCTCGAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_013933
Insert Size:	750 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:	<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:	BC003866 , AAH03866
RefSeq Size:	1668 bp
RefSeq ORF:	750 bp
Locus ID:	30960
UniProt ID:	Q9WV55
Cytogenetics:	17 E1.1
Gene Summary:	Binds to OSBPL3, which mediates recruitment of VAPA to plasma membrane sites. The ORP3-VAPA complex stimulates RRAS signaling which in turn attenuates integrin beta-1 (ITGB1) activation at the cell surface. With OSBPL3, may regulate ER morphology. May play a role in vesicle trafficking.[UniProtKB/Swiss-Prot Function]