

Product datasheet for **RN203664**

Vmp1 (NM_138839) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmp1 (NM_138839) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vmp1
Synonyms:	Tmem49
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203664 representing NM_138839 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCAGAGAATGGAACAAATTGTGACCAGAGACGTGGAGCAATGAGTAAGGAACAGCATAATGGGAGTT
TCACAGACCCCTCTTCAGTAAATGAGAAGAAGAGAAGGGATCGGGAAGAAAGACAGAATATCGTCTGTG
GAGACAGCCACTATTACCTTGCACTATTTCTCTCTGGAACTCTGTAGTTTTGAAGGAATGGACCTCA
AAATTGTGGCATCGTCAAAGCATGGTGGTGTCTTTTTCTGCTGCTTGTGCGCTTGTAGCTACGTATT
ATGTGGAAGGAGCGCACCAGCAGTATGTGCAGCGGATAGAGAAGCAGTTTCTTTTATATGCCTACTGGAT
AGGCCTGGGATTCTGTCTCTGTTGGTCTTGGAACAGGATTGCACACCTTTCTGCTTTATCTGGGCCCCA
CATATAGCTTCAGTTACATTAGCTGCTTATGAATGCAATTCGGTTAATTTCCCTGAGCCACCCTATCCTG
ACCAGATTATCTGCCAGACGAAGAAGGCACTGAAGGAGCCATATCTTTGTGGAGTATCATCTCAAAAGT
TAGAATTGAAGCCTGCATGTGGGCAATTGGGACAGCAATTGGGAGCTGCCTCCATATTTTCATGGCCAGG
GCAGCTCGCCTCTCAGGTGCTGAACCAGATGATGAAGAGTATCAGGAATTTGAAGAAATGCTGGAACACG
CAGAGACTGCACAAGACTTTGCATCAGCAGCTAACTGGCAGTTCAAAAAGTACAGAAAGTTGGATT
TTTTGGAATTTTGGCCTGTGCTTCTATTCCAAATCCCTGTTGACCTGGCTGGAATAACATGTGGACAC
TTCCTTGTACCTTTTGGACCTTCTTTGGTCAACCCTGATTGGAAAAGCAATCATTAAATGCATATCC
AGAAAATCTTTGTTATAGTAACCTTCAGCAAAACACATCGTGGAGCAGATGGTGGCTTTCATTGGGGCTGT
ACCCGGCATAGGTCCGTCTCTGCAGAAGCCTTTTCAGGAATACCTGGAGGCCAGCGGCAGAAGCTCCAC
CATAGAAGCGAAGCAGGCACAGCGCAGGGAGAAAAGTGGTTATCTGGACGTTTGAGAAGCTGGTGTG
CCATGGTGTGTTACTTTATCCTGTCTATCATTAACTCCATGGCACAAAGCTATGCCAAACGAATCCAGCA
GCGCTTGAACCTCAGAGGAGAAGACTAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_138839
Insert Size:	1221 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:	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_138839.2, NP_620194.1</u>
RefSeq Size:	1993 bp
RefSeq ORF:	1221 bp
Locus ID:	192129
UniProt ID:	<u>Q91ZQ0</u>
Cytogenetics:	10q26
Gene Summary:	stress-induced gene; may promote formation of intracellular vacuoles followed by cell death [RGD, Feb 2006]