

Product datasheet for **MC216986**

Vnn3 (NM_011979) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Vnn3
Synonyms:	MGC124285
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC216986 representing NM_011979
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGGC**

ATGGCTTCATTACATTTTCCTCAATGGGCAGTGAGTTTGTCTTCTTTGCCAGGCTGTGGTTCAATGG
 ACACTTTATTGCTGCTGTGTATGAACATGCTGTTATACTGCCAAACAAACTGAAAGTCCTGTTCCAC
 TGAAGAGGCTTTGCTCCTGATAAACAAGAATAGACATTTTGGAGAGTGCAATCAAGCTGGCAGCCAGA
 CAGGGTGCACATATCATTTGTGACGCCAGAAGATGGAATCTATGGTTGGATCTTACCAGGGAGACCATTT
 ACCCTACCTAGAGGATATACCAGACCTGAAGTGAAGTGGATTCCTGTAGAGACCTAGGAGGTTTGG
 CTACACACCAAGTACAGGAGAGACTGAGCTGCCTTGCCAAGGAGAAGTCTATCTATATTATGGCAATATT
 GGGGACAAGAAGCCATGCAATGCTACTGATCCTCATTGTCCCCGGATGGCCGTTACCAATATAATACCA
 ATGTGGTCTTCGATTCTAAGGGTAGGCTAACAGCCGCTACCATAAGTACAATCTTTTGAACCAGAGAT
 TCAGTTTGATTTCCTCAAGATTGAGAGCTGGTGACCTTTGACACCCGTTTGGGAAGTTTGGCATCTTC
 ACTTGCTTTGACATTTTCTTATGACCCAGCTGTGGTGGTTGTGAAGGACACCCAGGTCGACAGTGTTT
 TCTTACCCACGGCGTGGTACAACACCTGCCCCTGCTTTCAGCAGTTCCATTCCATTGCGGTGTGGCCAG
 AGCCATGGGGGTCAACGTGCTTGCTGCAACACCCACAACACCAGCATGCATATGACAGGGAGTGAATC
 TACAGCCCGGAAGCTGTCCGAGTGTAACCTATGACATGGAGACAGAGAGTGGCAACTGCTGCTTTCAG
 AGCTGAGGTCTCGGCCTGCCAGCACGCCACCCCTGCAGAGGTAACTGGAGCGCTTATGCCAGGACTGT
 GAAGCCGTTCTCATCGGGGCAGGCAGACTTCCCAGGAAAGATTTATTTTACGAATTTAGCTTACCAAG
 CTTACAGGAAGTGTGGCAATTACACAGTTTGCCAAAGGACCTGTGCTGTACCTGACTTACAAGATGT
 CTGAGAGCCGAATGGACGAGGTGTATGTTCTGGGTGCCTTTGATGGACTCCATACAGTGAAGGCCAGTA
 TTACCTACAGATATGTACATTGCTGAAGTGTCAAACCACTCGAGAACTTGTGGGGAACCCGTGGGG
 TCAGCTTTTACAAAGTTTGAAGAATTCTCTCTCAGTGGCACCTTTCGGACAAAATATGTTTTCCACAGA
 TCGTGCTAAGTGGGAGTCAACTTGCCCTGGAAAGATATTATGAAGTCTCAAGAGATGGACGCTGAGGAG
 TCGAGGTGGAGCCCTTTGCCATCTTAGTGATGGCCCTGTATGGAAGAGTGTGTGAGAGAGCCCTCCG
 CGCTTAGGGCAGGACCTGGGAAGCTGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_011979

Insert Size:

1503 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_011979.2, NP_036109.3</u>
RefSeq Size:	1811 bp
RefSeq ORF:	1503 bp
Locus ID:	26464
UniProt ID:	<u>Q9QZ25</u>
Cytogenetics:	10 A4
Gene Summary:	Amidohydrolase that hydrolyzes specifically one of the carboamide linkages in D-pantetheine thus recycling pantothenic acid (vitamin B5) and releasing cysteamine.[UniProtKB/Swiss-Prot Function]