

Product datasheet for **RC213006A1V**

Human VNN2 (NM_078488) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VNN2 (NM_078488) AAV Particle
Tag:	Myc-DDK
Symbol:	VNN2
Synonyms:	FOAP-4; GPI-80
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213006 representing NM_078488
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACGAGAATATAGACATTCTGGAGACAGCATCAAGCAGGCAGCTGAGCAGGGTCTCGAATCATTG
 TGACTCCAGAAGATGCACCTTTATGGATGAAAATTTACCAGGAAACTGTTTTCCCTTATCTGGAGGATAT
 CCCAGACCCTCAGGTGAACTGGATTCCGTGTCAAGACCCACAGATTTGGTCACACACCAGTACAAGCA
 AGACTCAGCTGCCTGGCCAAGGACAACCTCTATCTATGTCTTGGCAAATTTGGGGACAAAAAGCCATGTA
 ATCCCGTGACTCCACATGTCTCCTAATGGCTACTTTCAATACAATACCAATGTGGTGATAATACAGA
 AGGAAAACCTCGTGGCACGTTACCATAAGTACCACCTGTACTCTGAGCCTCAGTTAATGTCCCTGAAAAG
 CCGGAGTTGGTGACTTTCAACACCGCATTTGGAAGTTTGGCATTTTCACGTGCTTTGATATATTCTTCT
 ATGATCCTGGTGTACCCTGGTAAAAGATTTCCATGTGGACACCATACTGTTCCACAGCTTGGATGAA
 CGTTTTGCCCTTTTACAGCTATTGAATTCATTGAGCTTGGCAATGGGAATGGGAGTTAATCTTCTT
 GTGGCCAAACACATCATGTGACGCTAAATATGACAGGAAGTGGTATTTATGCACAAATGGTCCCAAAG
 TGTATCATTATGACATGAAGACAGAGTTGGGAAAACCTTCTCTTTTCAGAGGTGGATTACATCCCTATC
 CTCGCTTGCTACCCAACAGCTGTTAATTGGAATGCCTACGCCACCACCAACAAACCTTCCAGTACAG
 AAAAACACTTTTCAGGGGATTTATTTCCAGGGATGGGTTCAACTTCACAGAACCTTTTGAAGATGCAGGAA
 ACCTTACAGTCTGTCAAAGGAGCTTTGCTGTCAATTAAGCTACAGAATGTTACAAAAAGAGAGAAATGA
 AGTATACGTTCTAGGAGCTTTACAGGATTACATGGCCGAAGGAGAAGAGAGTACTGGCAGGTCTGCACA
 ATGCTGAAGTGCAAACTACTAATTTGACAACCTGTGGACGGCCAGTAGAAAACGCTTCTACAAGATTTG
 AAATGTTCTCCCTCAGTGGCACATTTGGAACAGAGTATGTTTTCTGAAGTGCTACTTACCGAAATTC
 TCTGTCACTGGAAAATTTGAGGTGCTGAAAGATGGGCGTTTGGTAAACAAGAATGGATCATCTGGGCCT
 ATACTAACAGTGTCACTCTTTGGGAGGTGGTACACAAAGGACTCACTTTACAGCTCATGTGGACACGCA
 ATTCAGCAATAACTTACCTGCTAATATTCATATTATTAATGATCATAGCTTTGCAAAATATTGTAATGTT
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213006 representing NM_078488
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MNENIDILETAIKQAAEQGARIIVTPEDALYGWKFTRVFPYLEDIPDPQVNWIPCQDPHRFGHTPVQA
 RLSCLAKDNSIYVLANLGDKKPCNSRDSTCPPNGYFQYNTNVVYNTGKLVARYHKYHL YSEPFQNVPEK
 PELVTFNTAFGRFGIFTCFDIFFYDPGVTLVKDFHVDLILFPTAWMNVLP LLTAIEFHSAWAMGMGNLL
 VANTHHVSLNMTGSGIYAPNGPKVYHYDMKTELKLLSEVDSHPLSSLAYPTAVNWNAYATTIKPFPVQ
 KNTFRGFISRDFNFTEL FENAGNL TVCQKELCCHLSYRMLQKEENEVYVLGAF TGLHGRRRREYQVCT
 MLKCKTTLTTCGRPVETASTRFEMFSLSGTFGTEYVFPEVLLTEIHLSPGKFEVLKDGRLVKNKNGSSG
 ILTVSLFGRWYTKDSL YSSCGTSNSAITYLLIFILLMIALQNIYML

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_078488

ORF Size:

1401 bp

Buffer:

PBS with 0.001% Pluronic F68

Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_078488.1, NP_511043.1</u>
RefSeq Size:	1976 bp
RefSeq ORF:	1404 bp
Locus ID:	8875
UniProt ID:	<u>O95498</u>
Cytogenetics:	6q23.2
MW:	52.9 kDa