

Product datasheet for **RC208577A1V**

Human VRTN (NM_018228) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VRTN (NM_018228) AAV Particle
Tag:	Myc-DDK
Symbol:	VRTN
Synonyms:	C14orf115; vertnin
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC208577 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACTTCTCGGAACCAGCTGGTGCAGAAGGTGCTGCAGGAGCTGCAGGAAGCAGTGAGTGCGAAGGCC
TGGAGGGTCTCATAGGTGCTTCCTTGGAGGCCAAGCAGGTCTGTCTTCCTTCACTCTCCCCACCTGCCG
GGAGGGAGGCCCTGGCCTCCAGGTGCTGGAAGTGGACTCGGTGGCCCTGAGCCTGTATCCAGAAGATGCT
CCACGGAACATGCTGCCGCTGGTGTGCAAGGGGAGGGCAGCCTGCTGTTGAGGCGGCCAGCATGCTGC
TGTGGGGTGACGAGGCCTCAGCCTGGAGCTGCGGGCCCGCACCGTGGTAGAGATGCTGCTGCACAGACA
CTACTACCTCCAGGGCATGATCGACTCCAAAGTGATGCTGCAGGCCGTGCGCTACTCCCTATGCTCTGAG
GAGTCCCTGAGATGACCAGCTTGCCCCCGCCACGCTGGAGGCCATCTTCGATGCCACGTCAAGGCCT
CCTGTTTCCCCAGCAGCTTCTCAACGTGTGGCACTTGTATGCTCTCGCCTCTGTCTCCAGCGGAACAT
CTACTCCATCTACCCATGCGCAACCTCAAGATCCGGCCCTACTTCAACCGTGTATCCGGCCCCGCCGC
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ACCACTACTTTGCCCTGTGGTGGGGCTGGAAGAGGTGGAGGCTGAAGGTGCCCTGGCGTGCCCCAGC
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AGCTACTCTCACCTCTGTGAGCGCTACAGCGTCACCAAAAGCACCTTCTACCGCTGGCGGGCAGTCCC
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TAGAGAAGCTGCCGGAGGAGCAGGTGGCTGAGGAGGAGCTGGAGTGCTCCGCACTGGCGGTGTCAAGCCC
TGGAATGGTCTTAATGCAGCGGGCCAAGTTGTACCTGGAGCATTGCATCTCCCTGAACACACTGGTACCC
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TGGGGAAGGGGCTGTAATTCTTGGAAGAGTGAGGCGGAAGAGGGGGCAGGGAATGCCACAGGTGAGGAC
CCTCCCGCCCCCGGGAGCTCCTGCCACTAAGGATGCCCTGTCCGTTGGCAGAGGCGTCTGCGCAGGG
CTGCCCGCAGGCAGGTGCTGAGTGGCATCTCCCTTTCTGCCGCTTCCGCTCCGCTACCCAGCCTGTC
ACCTTCTGCCTTTTGGGTCTGGAAGAGTCTTGCTCGGGTTGGCCAGAGGCTGTCCAACTTCAGGTG
CCGGTCCCCACCTTGGGCAAAGGGGGCAGGAGGCTGAGGAGAAGCAGGAGAAGGAGGCTGGCAGGGATG
TGACAGCTGTGATGGCCCCACCTGTGGGGGCTTCTTCAAGATGTAGAGGGAGGGCCTTCCAGAGAGGG
GGCCCTGCAGGAGGGGGCCACAGCCAGGGCCAGCCCCACAGTGGGCCCTTGTGAGCCAACCTGTGGTG
GCAGCAGCGGGTGGCAGGGATGGCCGGATGCTGGTGATGGACATGATCGTACCACGAAGTTCAAGGCC
AGGCCAAGCTGTTCTTGAGAAGCGCTTCCAGTCCAAGAGCTTCCCTCCTACAAGGAGTTCAGTGCCCT
CTTCCCCTCACTGCCGCTCCACATACTACATGTGGAAGCGAGCCCTCTATGACGGCTGACCTGGTA
GATGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208577 protein sequence Red=Cloning site Green=Tags(s) MTSRNQLVQKVLQELQEAVECEGLEGLIGASLEAKQVLSSFTLPTCREGGPGLQVLEVDSVALSLYPEDA PRNMLPLVCKGEGSLLFEAASMLLWGDAGLSLELRARTVVEMLLHRHYLQGMIDSKVMLQAVRSLCSE ESPEMTSLPPATLEAIFDADVKASCFSSFSNVWHLALASVLQRNIYSIYPMRNLKIRPYFNIRPRR CDHVPSTLHIMWAGQPLTSHFFRHQYFAPVVGLEEEVEAGAPGVAPALPALAPLSSPAKTELLNREPGL SYSHLCERYSVTKSTFYRWRRQSQEHRQKVAARFSAKHFLQDSFHRGGVVPLQQFLQRFPEISRSTYYAW KHELLGSGTCCPALPPREVLGMEELEKLPEEQVAEEEELECSALAVSSPGMVLQRAKLYLEHCISLNTLVP YRCFKRRFPGISRSTYYNWRKALRRNPSFKPAPALSAAGTPQLASVGEGAVIPWKSEAEAGNATGED PPAPGELLPLRMPLSRWQRRLLRAARRQVLSGHLPCFRFLRYPSLSPSAFWVWKSARGWPRGLSKLQV PVPTLGKGGQEAEEKQEKEAGRDVTAVMAPPVGASSEDVEGGPSREGALQEGATAQGQPHSGPLLSQPVV AAAGGRDGRMLVMDMIATTKFKAQAKLFLQKRFQSKSFPSYKEFSALFPLTARSTYYMWKRALYDGLTLV DG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_018228
ORF Size:	2106 bp
Buffer:	PBS with 0.001% Pluronic F6287
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_018228.1</u>
RefSeq Size:	3464 bp
RefSeq ORF:	2109 bp
Locus ID:	55237
UniProt ID:	<u>Q9H8Y1</u>
Cytogenetics:	14q24.3
MW:	78.3 kDa