

Product datasheet for **RC209024A1V**

Human VANG1 (NM_138959) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VANG1 (NM_138959) AAV Particle
Tag:	Myc-DDK
Symbol:	VANG1
Synonyms:	KITENIN; LPP2; STB2; STBM2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC209024 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATACCGAATCCACTTATTCTGGATATTCTTACTATTCAAGTCATTGAAAAATCTCACAGACAAG
 GGGAAAGAACTAGAGAGAGACACAAGTCACCCCGGAATAAAGACGGCAGAGGGTCAGAAAAGTCTGTAC
 CATTCAACCTCCCACTGGAGAGCCCCTGTTGGGAAATGATTCTACTCGGACAGAGGAAGTTCAGGATGAC
 AACTGGGGAGAGACCACACGGCCATCACAGGCACCTCGGAGCACAGCATATCCCAAGAGGACATTGCCA
 GGATCAGCAAGGACATGGAGGACAGCGTGGGGCTGGATTGCAAACGCTACCTGGGCTCACCGTCGCCTC
 TTTTCTTGGACTTCTAGTTTTCTCACCCCTATTGCCTTCATCCTTTTACCTCCGATCCTGTGGAGGGAT
 GAGCTGGAGCCTTGTGGCACAATTTGTAGGGGCTCTTTATCTCCATGGCATTCAAACCTCCTATTCTGC
 TCATAGGGACCTGGGCACTTTTTTCCGAAGCGGAGAGCTGACATGCCACGGGTGTTTGTGTTTCGTGC
 CCTTTTGTGGTCTCATCTTTCTTTGTGGTTTCTATTGGCTTTTTACGGGTCCGCATTTTGGAC
 TCTCGGACCGGAATTACCAGGGCATTGTGCAATATGCAGTCTCCCTTGTGGATGCCCTCCTCTTCATCC
 ATTACCTGGCCATCGTCTGCTGGAGCTCAGGCAGCTGCAGCCCATGTTACGCTGCAGGTGGTCCGCTC
 CACCGATGGCGAGTCCCGCTTCTACAGCCTGGGACACCTGAGTATCCAGCGAGCAGCATTGGTGGTCTTA
 GAAAACTACTACAAAGATTTACCATCTATAACCCAAACCTCCTAACAGCCTCCAAATCCGAGCAGCCA
 AGCATATGGCCGGGTGAAAGTCTACAATGTAGATGGCCCCAGTAACAATGCCACTGGCCAGTCCCGGGC
 CATGATTGCTGCAGCTGCTCGGCGCAGGACTCAAGCCACAACGAGTTGTATTATGAAGAGGCCGAACAT
 GAACGGCGAGTAAAGAAGCGGAAAGCAAGGCTGGTGGTGCAGTGGAAGAGGCCCTTCATCCACATTACAG
 GTCTCCAGGCTGAGGAGCAGCAGAAAGCCCCAGGGGAGGTGATGGACCCTAGGGAGGCCGCCAGGCCAT
 TTTCCCTCCATGGCCAGGGCTCTCCAGAAGTACCTGCGCATCACCCGGCAGCAGAACTACACAGCATG
 GAGAGCATCCTGCAGCACCTGGCCTTCTGCATACCAACGGCATGACCCCAAGGCCTTCTAGAACGGT
 ACCTCAGTGCGGGCCCCACCCTGCAATATGACAAGGACCGCTGGCTCTTACACAGTGGAGGCTTGTGAG
 TGATGAGGCTGTGACTAATGGATTACGGGATGGAATTGTGTTCTGCTTAAGTGCTTGGACTTCAGCCTC
 GTAGTCAATGTGAAGAAAATTCATTTCATCACTCTCTGAAGAGTTCATAGACCCCAATCTCACAAAT
 TTGTCCTTCGCTTACAGTCTGAGACATCCGTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209024 protein sequence
 Red=Cloning site Green=Tags(s)

MDTESTYSGYSYSSSHSKKSHRQGERTRERHKS PRNKDGRGSEKSVTIQPPTGEP LLGNDSTRTEEVQDD
 NWGETTTAITGTSEHSISQEDIARISKDMEDSVGLDCKRYLGLTVASFLLVFLTPIAFILLPPILWRD
 ELEPCGTICEGLFISMAFKLLILLIGTWALFFRKRRADMPRVFVRALLLVIFLFVVS YWLFYGVRIID
 SRDRNYQIVQYAVSLVDALLFIHYLAIVLLELRQLQPMFTLQVVRSTDGESRFYSLGHL SIQRAALVVL
 ENYYKDFTIYNP LLTASKFRAAKHMAGLKVYNVDGPSNNATGQSRAMIAAAARRRDSSHNELYYEEAEH
 ERRVKRKARLVVAVEEAFIHIQRLQAE EQKAPGEVMDPREAAQAI FPSMARALQKYLRITRQQNYHSM
 ESILQHLAFCITNGMTPKAFLERYLSAGPTLQYDKDRWLSTQWRLVSDEAVTNGLRDGI FVLKCLDFSL
 VVNVKKIPFIILSEEFIDPKSHKFVLR LQSETSV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_138959

ORF Size:

1572 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_138959.2</u>
RefSeq Size:	8691 bp
RefSeq ORF:	1575 bp
Locus ID:	81839
UniProt ID:	<u>Q8TAA9</u>
Cytogenetics:	1p13.1
MW:	60 kDa