

Product datasheet for **MR225510A1V**

Mouse Vangl1 (NM_177545) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Vangl1 (NM_177545) AAV Particle
Tag:	Myc-DDK
Symbol:	Vangl1
Synonyms:	Kitenin; Lpp2; Stb2; Stbm
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR225510 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGATACCGAATCCACGTATTCTGGATATTCCTACTACTCAAGCCATTCCAAAAATCTCACAGGCAAG
 GGGAAAGAACAAGAGAAAGACACAAATACCAAGGAATAAGATGGCAGAGGGTCAGAAAAGTCTGTAC
 CATCCAGGCTCCTGCTGGAGAGCCCCTGCTGGCAAATGACTCTGCCCGCACAGGCGCAGAGGAAGTTCAG
 GATGACAACTGGGAGAGACCACCACCAATCACAGGCACCTCAGAGCACAGTATATCCCAAGAGGACA
 TTGCCAGGATTAGCAAGGACATGGAGGACAGTGTGGGCTGGATTGCAAGCGCTATCTGGGCCTCACCCT
 TGCCCTCGTTCTTGGACTACTTGTCTTCTCACCCCATTCGCTTCATCTGCTACCCCAATCTGTGG
 AGGGAGGAGCTGAAACCTGTGGCGCCATTTGTGAGGGACTTCTCATTCTGTATCATTCAAAGTCTTA
 TTCTGCTCATCGGAACCTGGGCATTTCTTCCGAAGCAAAGAGCGGATGTGCCGCGGTGTTTGTGTT
 CCGAGCGCTGTACTGGTCCTTATCTTCTTTTGTGGTTTCTTACTGGCTTTTTATGGGGTCCGCATT
 TTGGACTCTCGGGACCAAAATTACAAGGACATCGTGCAATACGAGTCTCTCTTGTGGACGCGCTGCTTT
 TCATCCACTACCTTGCATCGTCTGCTGGAGCTGAGGAGCTGCAACCCATGTTACCCCTGCAGGTGGT
 CCGCTCCACCGACGGAGAGTCCCGCTTCTACAGCTTGGGACACTTGAGCATCCAGCGAGCAGCCTTGGTG
 GTTCTGGAAAATTACTACAAGGACTTACCATCTATAACCCGAACCTCCTAACAGCATCCAAATCCGAG
 CAGCCAAGCACATGGCTGGCCTGAAAGTCTACAATGTAGATGGCCTAGTAATAACGCCACTGGTCAGTC
 CCGAGCCATGATTGCTGCAGCAGCTCGGCGCAGAGACTCCAGCCACAACGAGTTGATTATGAAGAGGCC
 GAACACGAACGCAGGGTGAAGAAGCGGAGAGCAAGACTGGTAGTGGCTGTGGAGGAAGCCTTCATCCATA
 TCCAGCGTCTCCAGGCTGAGGAGCAGCAGAAGTCTCTGGAGAGGTGATGGACCCAGAGAGGCAGCCCA
 GGCCATCTTCCCTCCATGGCCAGGGCACTGCAGAAAGTACCTGCGCACCACACGGCAGCAGCACTACCAC
 AGCATGGAGAGTATCCTGCAGCACCTGGCCTTCTGCATCACCAACAGCATGACCCCAAGGCTTTCCTTG
 AACGATACCTCAGTGGGGCCCCACCTTGCAGTATGACAAGGATCGATGGCTCTCGACACAGTGGAGACT
 TATTAGTGAGGAGGCTGTGACAAACGGGTTACGGGATGGAATTGTTTTCGTCCTTAAATGCTTGGACTTC
 AGCCTCGTGGTCAATGTGAAGAAATCCATTCTGACTCTCAGAAGAGTTTATAGACCCTAAATCTC
 ACAAGTTTGTCTTCGCTTACAGTCTGAGACATCAGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225510 protein sequence
 Red=Cloning site Green=Tags(s)

MDTESTYSGYSYSSSHKSHRQGERTRERHKSPPNKDGRGSEKSVTIQAPAGEPLLANDSARTGAEVQ
 DDNWGETTTAITGTSEHSISQEDIARISKDMEDSVGLDCKRYLGLTVASFLLVFLTPIAFILLPQILW
 REELKPCGAICEGLLISVSFKLLILLIGTWALFFRQKQADVPRVFVFRALLLVIFLVVSYWLFYGVRI
 LDSRDQNYKDIVQYAVSLVDALLFIHYLAIVLLELRQLQPMFTLQVVRSTDGESRFYSLGHLISQRAALV
 VLENYYKDFTIYNPNLLTASKFRAAKHMAGLKVYNVDGPSNATGQSRAMIAAAARRRDSHNELYYEEA
 EHERRVKKRRARLVVAVEEAFIHIQRLQAEQQKSPGEVMDPREAAQAIIFPSMARALQKYLRTTRQQHYH
 SMESILQHLAFCITNSMTPKAFLELYLSAGPTLQYDKDRWLSTQWRLISEEAVTNGLRDGIVFVLKCLDF
 SLVVNVKKIPFIVLSEEFIDPKSHKFLRLQSETSV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_177545

ORF Size:

1578 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_177545.4, NP_808213.2</u>
RefSeq Size:	4214 bp
RefSeq ORF:	1581 bp
Locus ID:	229658
UniProt ID:	<u>Q80Z96</u>
Cytogenetics:	3 F2.2
MW:	60.1 kDa