

Product datasheet for **MR218015A1V**

Mouse Kcnv1 (NM_026200) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Kcnv1 (NM_026200) AAV Particle
Tag:	Myc-DDK
Symbol:	Kcnv1
Synonyms:	2700023A03Rik; vibe
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR218015 representing NM_026200
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCTGTACCCCGCAACCGCCGCTACTGGACTCGTCGCTGGACAGCGTTCTCTGACCTCAC
 TGGACTCCAGTGTCTTCTGTAGCGAGGGCGAAGGGGAACCTTGGCTCTGGGGGACTGCTTTACAGTCAA
 CGTGGGCGGTAGCCGCTTCGTGCTCTCGCAGCAAGCTCTGTCTGCTTCCCGCACACGCGCTGGGCAAA
 CTGGCCGTAGTGGTGGCCTCTACCGCCGCTGGGTGCCCTGGCTGCCGCCCCAGCCCCCTGGAGCTTT
 GCGATGATGCGAATCCGGTGGACAACGAGTACTTCTTTGATCGCAGCTCTCAGGCGTTCGGTTATGTCCT
 GCACTACTATCGCACTGGTGCCTGCATGTGATGGAGCAGCTCTGTGCGCTCTCCTTTCTTCAGGAGATC
 CAGTACTGGGGCATAGATGAACAGCATTGACTCCTGCTGCAGGACAGATACTTCAGAAGAAAGGAGC
 TGAGTGAAACTCTTGACTTTAAGAAGGACACAGATGACCAGGAAAGTCAACATGAGAGTGAACAGGACTT
 CTCAAAGGACCTTGCCACTGTCCGACAAAAGCTCTGGGATATTCTGGAGAACTGGATCTTCCACA
 GCAGCCCGGATCTTTGGAGTAATCTCCATCATTTTGTGGCAGTGTCCATCGTCAACATGGCCCTGATGT
 CAGCTGAGCTTAGCTGGCTCAACCTACAGCTGTGGAGATCTTGAGTATGTGTGCATCAGCTGGTTTAC
 CGGGGAGTTCTTCTGCGCTTCTATGTGTGAAAGACAGGTGCCACTTCTGAGGAAGTTCCAAACATC
 ATAGACCTCCTTGCCATCTTGCCCTTCTATAAATCTTCTGGTGGAAAGCCTGAGCGGCAGCCACACCA
 CACAAGAGCTGAAAAATGTGGGACGTCTGGTCCAGGTCTTGAGGCTCCTCAGAGCTCTGCGCATGCTGAA
 ACTGGGAAGGCATTCTACAGGATTGCGCTCACTGGGATGACAATCACTCAGTGCTATGAAGAAGTTGGC
 CTACTGCTCCTGTTTCTATCTGTGGGATTTCTATATTTCAACAATAGAATACTTTGCAGAGCAAAGCA
 TTCTGTATACAACCTTCAAGTGTTCCTGTGATGGTGGTGGGCCACAACATCCATGACTACAGTAGG
 ATATGGGGACATTAGACCAGACACCACAGGCAAAATCGTGGCCTTCATGTGATTCTGTGAGGAATC
 CTTGTCTTGGCCTTGCCTATTGCCATTATTAATGATCGATTCTGTGCTTACTTACCTTGAAGTCA
 AGGAAGCAGCTGTGAGACAGCTGAAGCTCTCAAGAACTTACCAAGATATAGCCACTGACTCATATAT
 TAGTGTTAACTTGAGGGATGTCTATGCCCGGAGCATAATGGAGATGCTTCGATTAAAGGGCAGGGAGAGA
 GCAAGTACTAGAAGCAGTGGTGGAGATGATTTCTGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR218015 representing NM_026200
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MDLSPRNRPLLDSSSLDSGLTSLDSSVFCSEGEPLALGDCFTVNVGGSRFVLSQQALSCFPHTRLGK
 LAVVVASYRRLGALAAAPSPLELCDDANPVDNEYFFDRSSQAFRYVLHYRTGRLHVMEQLCALSFQEI
 QYWGIDELSIDCCRDRYFRRKELSETLDFKKDQDQESQHESEQDFSKGPCPTVRQKLWDILEKPGSST
 AARIFGVISIIIFVAVSIVNMAELSWNLQLEILEYVCISWFTGEFVLRFLCVKDRCHFLRKVPNI
 IDLLAILPFYITLLVESLSGSHTTQELENVGRLVQVLRLLRALRMLKLGRHSTGLRSLGMITQCYEEVG
 LLLLFLSVGISIFSTIEYFAEQSIPDFTTSVPCAWWWATTSMTTVGYGDIRPDITTKIVAFMCILSGI
 LVLALPIAIINDRFSACYFTLKLKEAAVRQREALKKLTKNIAATDSYISVNLRDVYARSIMEMRLKGRER
 ASTRSSGGDDFWF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_026200

ORF Size:

1509 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_026200.3</u> , <u>NP_080476.2</u>
RefSeq Size:	4496 bp
RefSeq ORF:	1512 bp
Locus ID:	67498
UniProt ID:	<u>Q8BZN2</u>
Cytogenetics:	15 B3.3
MW:	57.1 kDa