

Product datasheet for **RC210392A1V**

Human Kv1.8 (KCNA10) (NM_005549) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Kv1.8 (KCNA10) (NM_005549) AAV Particle
Tag:	Myc-DDK
Symbol:	Kv1.8
Synonyms:	Kcn1; Kv1.8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210392 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGTGTGTGGCTGGAAAGAAATGGAGGTTGCGCTGGTCAATTTTGATAATTCAGATGAAATCCAAG
 AAGAGCCAGGCTATGCCACAGACTTCGACTCAACCAGCCAAAAGGCCGGCTGGGGGACGCTCCTTCTC
 CAACGGGAAGATCCTCATCAGCGAAAGCACCAACCATGAGACGGCCTTCTCAAGCTTCCGGGAGACTAT
 GCTGACCCCCAGGGCTGAGCCAGTGGTCTAAATGAAGGAAACCAGCGGGTATCATCAACATTGCTG
 GGCTGAGATTTGAGACCCAGCTCAGAACCCTTAGTCAGTTCAGAGACTCTCCTGGGAGACCGGGAGAA
 AAGGATGCAGTCTTTGACTCCATGAGAAATGAGTATTTCTTTGATCGTAACCGGCCAGTTTGTATGGA
 ATCCTATATTATTACCAATCTGGTGGGAAAATTCGGCGCCAGCCAATGTTCCATTGATATCTTTGCTG
 ATGAAATCTCCTTCTATGAGCTGGGTAGTGAGGCCATGGACAGTTCGGGAGGATGAAGGCTTCATCAA
 AGACCCTGAAACACTGCTACCCACCAATGACATCCACCGTCAGTTCCTGGCTCCTTTGAGTACCCTGAA
 AGTTCCAGCGCTGCCCGTGTGTGGCCGTGGTCTCGGTGTTGGTGTGGTGCATCTCCATCACCATCTTCT
 GCCTGGAGACACTGCCAGAGTTCGGGAGGATAGGGAGCTGAAGGTGGTCAGAGACCCCAATCTCAACAT
 GAGCAAGACAGTCCTCTCCAGACCATGTTACCGACCTTTCTTCATGGTGGAGTCTACCTGCATCGTG
 TGGTTCACCTTCGAGCTGGTGTCCGGTTCGTGGTCTGCCCCAGCAAGACTGACTTCTTCAGGAACATCA
 TGAACATCATTGACATCATCTCCATTATCCCCTACTTTGCAACTCTCATCACAGAGCTAGTCCAGGAGAC
 AGAGCCGAGTGCCCAACAGAATGTCCCTGGCCATCTGAGGATCATCCGCTGGTGAGGGTCTTCCGC
 ATCTTCAAGCTCTCGGCCACTCCAAGGGGCTGCAGATCCTCGGGCAAACTGAAGGCGTCCATGCGGG
 AGTTGGGGTGTCTCATCTTCTTCTCATTGGAGTCATCCTTCTCCAGTGCAGTCTACTTTGTCTGA
 GGTGGATGAGCCAGAGTCCCATTCTCTAGCATTCTGATGGCTTCTGGTGGGAGTGGTCACCATGACA
 ACTGTAGGCTATGGGGACATGTGCCCGACACCCAGGGGGAAGATTGTGGGCACTCTGTGTGCCATTG
 CAGGGGTCTCACCATTGCCCTCCCTGTGCCTGTCTTGTCTCCAATTCAATTACTTCTACCACCGGGA
 GACTGAGAATGAAGAAAAGCAGAACATCCCGGAGAAATTGAAAGAATCCTCAACAGTGTAGGCTCAAGA
 ATGGGCAGCACAGACTCTTAATAAGACCAATGGTGGCTGTTCCACAGAGAAGTCTAGGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210392 protein sequence
 Red=Cloning site Green=Tags(s)

MDVCGWKEMEVALVNFDSDEIQEEPATDFDSTSPKGRPGGSSFSNGKILISESTNHETAFSKLPDGY
 ADPPGPEPVVLNEGNQRIINIAGLRFETQLRTLSQLPETLLGDREKRMQFFDSMRNEYFFDRNRPSFDG
 ILYYYQSGGKIRRPANVPIDIFADEISFYELGSEAMDQFREDEGFIDKPELTPNDIHRQFWLLFEYPE
 SSSAARAVAVVSVLVVISITIFCLETLPEFREDRELKVVRDPNLNMSKTVLSQTMFTDPFFMVESTCIV
 WFTFELVLRVVCPSKTDFRNIMNIIDIIISIPYFATLITELVQETEPSAQNMSLAILRIIRLVRFVR
 IFKLSRHSKGLQILGQTLKASRELGLLIFFLFIGVILFSSAVYFAEVDEPESHFSSIPDGFWWAVVTMT
 TVGYGDMCPTTPGGKIVGTLCIAGVLTIALPVPVIVSNFNFYHRETENEKQINIPGEIERILNSVGSR
 MGSTDLSLNKTNGCSTEKSRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005549

ORF Size:

1533 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_005549.2</u> , <u>NP_005540.1</u>
RefSeq Size:	1959 bp
RefSeq ORF:	1536 bp
Locus ID:	3744
UniProt ID:	<u>Q16322</u>
Cytogenetics:	1p13.3
MW:	57.8 kDa