

Product datasheet for **RC207384A1V**

Human Kv beta 1 (KCNAB1) (NM_172159) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Kv beta 1 (KCNAB1) (NM_172159) AAV Particle
Tag:	Myc-DDK
Symbol:	Kv beta 1
Synonyms:	AKR6A3; hKvb3; hKvBeta3; KCNA1B; KV-BETA-1; Kvb1.3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207384 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCAAGTCTCCATAGCCTGCACAGAGCACAATTTGAAGAGTCGGAATGGTGAGGACCGACTTCTGAGCA
AGCAGAGCTCCACCGCCCCCAATGTGGTAAACGCAGCCCGGCCAAATTCGCACGGTCGCTATCATCGC
GCGCAGCCTGGGGACGTTACGCCTCAGCATCAGATTTCTCTCAAAGAGTCCACCGCAAAGCAGACTGGC
ATGAAATATAGGAATCTTGAAAATCAGGACTCAGAGTTTCTTGCTTGGGTCTTGAACATGGGTGACAT
TTGGAGGTCAAATTTAGATGAGGTTGCTGAACGGCTGATGACCATCGCCTATGAAAGTGGTGTAACT
CTTTGATACTGCCGAAGTCTATGCTGCTGGAAAGGCTGAAGTGATTCTGGGGAGCATCATCAAGAAGAAA
GGCTGGAGGAGGTCCAGTCTGGTCATAACAACCAAACTCTACTGGGTGGAAAAGCTGAAACAGAAAAG
GGCTGTCAAGAAAGCATATTATTGAAGGATTGAAGGGCTCCCTCCAGAGGCTGCAGCTCGAGTATGTGGA
TGTGGTCTTTGCAATCGACCGGACAGTAACACTCCCATGGAAGAAATGTCCGAGCCATGACACATGTG
ATAAACCAAGGCATGGCGATGTACTGGGGCACCTCGAGATGGAGTGCTATGGAGATCATGGAAGCCTATT
CTGTAGCAAGACAGTTCAATATGATCCACCGGTCTGTGAACAAGCTGAGTACCATCTTTCCAGAGAGA
GAAAGTGGAGGTCCAGCTGCCAGAGCTCTACCACAAAATAGGTGTTGGCGCAATGACATGGTCTCCACTT
GCCTGTGGAATCATCTCAGGAAAATACGAAACGGGTGCCTGAAAGTTCAGGGCTTCACTGAAGTGCT
ACCAAGTGGTTGAAAGAAAGAATTGTAAGTGAAGAAGGGAGAAAACAGCAAAACAAGCTAAAGACCTTTC
CCCAATTGCGGAGCGTCTGGGATGCACACTACCTCAGCTAGCTGTTGCGTGGTGCCTGAGAAACGAAGGT
GTGAGTTCTGTGCTCCTGGGATCATCCACTCCTGAACAACTCATTGAAAACCTTGGTGCCATTACAGGTT
TCCCAAAGATGACATCAGATGTGGTAAATGAGATTGATAACATACTGCGCAACAAGCCCTACAGCAAGAA
GGACTATAGATCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC207384 protein sequence Red=Cloning site Green=Tags(s) MQVSIACEHNLSKRNEDRLLSKQSSTAPNVVNAARAKFRTVAIIARSLGTFTPQHHSLSKESTAKQTG MKYRNLSGLRVSLGLGTWVTFGGQISDEVAERLMTIAYESGVNLFDTAEVYAAGKAEVILGSIKKK GWRSSSLVITTKLYWGGKAETERGLSRKHIIIEGLKSLQRLQLEYVDVVFANRPDSNTPMEEIVRAMTHV INQGMAMYWGTSRWSAMEIMEAYSVARQFNMIPPVCEQAEYHLFQREKVEVQLPELYHKIGVGAMTWSPL ACGIISGKYGNVPESRASLKYQWLKERIVSEEGRKQNKLDLSPIAERLGCTLPQLAVAWCLRNEG VSSVLLGSSTPEQLIENLGAIQVLPKMTSHVVNEIDNLRNKPYSKDYRS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_172159
ORF Size:	1203 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:	NM_172159.2
RefSeq Size:	4518 bp
RefSeq ORF:	1206 bp
Locus ID:	7881
UniProt ID:	Q14722
Cytogenetics:	3q25.31
MW:	44.7 kDa