

Product datasheet for **RC207223A1V**

Human KCNA3 (NM_002232) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KCNA3 (NM_002232) AAV Particle
Tag:	Myc-DDK
Symbol:	KCNA3
Synonyms:	HGK5; HLK3; HPCN3; HUKIII; KV1.3; MK3; PCN3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC207223 representing NM_002232
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGACGAGCGCCTCAGCCTTCTGCGCTCGCCGCCGCCCTCAGCCCGCCACCGCGCCACCCTCCTC
 AGCGCCCAGCGAGCAGCGCGGTGCCACACGCTGGTGAACCACGGCTACGCGGAGCCCGCGCAGGCCG
 CGAGCTGCCGCCGACATGACCGTGGTCCCGGGGACCACCTGCTGGAGCCGGAGGTGGCCGATGGTGGA
 GGGGCCCGCCTCAAGGCGGCTGTGGCGGCGCGGCTGCGACCGCTACGAGCCGCTGCCGCCCTCACTGC
 CGGCCCGGGCGAGCAGGACTGCTGCGGGGAGCGGTGGTCAACATCTCCGGGCTGCGCTTCGAGAC
 GCAGCTGAAGACCCTTTGCCAGTTCCCGAGACGCTGCTGGGCGACCCCAAGCGGCGCATGAGGTACTTC
 GACCCGCTCCGCAACGAGTACTTCTCGACCGCAACCGGCCAGCTTCGACGCCATCCTCTACTACTATC
 AGTCCGGGGGCGCATCCGCCGCCGGTCAACGTGCCATCGACATTTTCTCCGAGGAGATCCGCTTCTA
 CCAGCTGGGCGAGGAGCCATGGAGAAGTTCGCGAGGACGAGGGCTTCTGCGGAGGAGGAGCGGCC
 TTGCCCCGCCGCGACTTCAGCGCCAGGTGTGGCTGCTTTCGAGTACCCCGAGAGCTCCGGGCCGGCC
 GGGGCATCGCCATCGTGTCCGTGCTGGTCACTCTCATCTCCATTGTCTCTGCTGGAGACGCTGCC
 GGAGTTCCGCGACGAGAAGGACTACCCCGCTCGACGTCGAGGACTCATTGAAGCAGCCGGCAACAGC
 ACGTCGGGGTCCCGCGCAGGAGCTCCAGCTTCTCCGATCCCTTCTTCGTGGTGGAGACGCTGTGCATCA
 TCTGGTTCTCCTTCGAAGTGTGGTGGTCTTCGCTGTCTAGCAAGCCACCTTCTCGCAACAT
 CATGAACCTGATCGACATTGTGGCCATCATTCTTATTTATCACTCTGGGTACAGAGCTGGCCGAACGA
 CAGGGCAATGGACAGCAGGCCATGTCTCTGGCCATCCTGAGGGTATCCGCCTGGTAAGGGTCTTCCGCA
 TCTTCAAGCTGTGCGCCCACTCAAGGGGCTGCAGATCCTCGGCAACGCTGAAGGCGTCCATGCGGGA
 GCTGGGATTGCTCATCTTCTTCTCTTTATTGGGGTCACTCTTCTCCAGCGCGGTCTACTTTGCCGAG
 GCAGACGACCCCACTTCAAGTTTTCAGCAGCATCCCGATGCCTTCTGGTGGGCGAGTGGTAACCATGACAA
 CAGTGGGTTACGGCGATATGACCCAGTGACCATAGGGGGCAAGATTGTGGGATCTCTGTGCCATCGC
 CGGTGTCTTGACCATCGATTGCCAGTTCCTGTATTGTTTCAACTTCAATTACTTCTACCAACGGGAG
 ACAGAAGGGGAAGAGCAATCCAGTACATGCACGTGGGAAGTTGCCAGCACCTCTCTCTTCAGCCGAGG
 AGCTCCGAAAAGCAAGGAGTAAGTCTGACTCTGAGTAAGTCGGAGTATATGGTATCGAAGAGGGGGTAT
 GAACCATAGCGCTTCCCCAGACCCCTTCAAACCGGCAATTCCACTGCCACCTGCACCAGAACAAAT
 AATCCCAACTCTGTGTCAACATCAAAAAGATATTCACCGATGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MDERLSLLRSPPPPSARHRAHPPQRPASSGGAHTLVNHGYAEPAGRELPPDMTVVPGDHLLLEPEVADGG
 GAPPQGGCGGGCDRYEPLPPSLPAAGEQDCCGERVVINISGLRFETQLKTLQCFPETLLGDPKRRMRYF
 DPLRNEYFFDRNRPSFDAILYYYQSGGRIIRPVNVPIDIFSEEIRFYQLGEEAMEKFREDEGFLREEERP
 LPRRDFQRQVWLLFEYPESSGPARGIAIVSVLVILISIVIFCLETLPEFRDEKDYPASTSQDSFEAAGNS
 TSGSRAGASSFSDPFFVETLCIIWFSFELLVRFFACPSKATFSRNIMNLIDIVAIIPYFITLGTELAER
 QGNGQQAMSLAILRVIRLVRFRIKLSRHSKGLQILGQTLKASMRELGLLIFFLFIGVILFSSAVYFAE
 ADDPTSGFSSIPDAFWAVVTMTTVGYGDMHPVTIGGKIVGSLCAIAGVLTIALPVPVIVSNFNYFYHRE
 TEGEEQSQYMHVGSQHLSSSAEELRKARSNSTLSKSEYMVIEEGGMNHSAFPQTPTKGNSTATCTTNN
 NPNSCVNIKKIFTDV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_002232
ORF Size:	1725 bp
Buffer:	PBS with 0.001% Pluronic F6012
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_002232.3</u>
RefSeq Size:	3346 bp
RefSeq ORF:	1728 bp
Locus ID:	3738
UniProt ID:	<u>P22001</u>
Cytogenetics:	1p13.3
MW:	63.7 kDa