

Product datasheet for **RC207756A1V**

Human **KCNJ14 (NM_013348) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human KCNJ14 (NM_013348) AAV Particle
Tag:	Myc-DDK
Symbol:	KCNJ14
Synonyms:	IRK4; KIR2.4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207756 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCCTGGCCAGGGCCCTACGCCGCTCAGCGGCGCCCTGGATTGGGAGACAGCCGGGCGGGCGATG
AAGAGGAGGCCGGGCCGGGTTGTGCCCAACGGGTGGGCGCCGGCACCAGGTGCAGTCAACCGTGGGCCG
GCGCCGCGGTGCTTCGTCAAGAAAGACGGGCACTGCAACGTGCGTTTCGTAAACCTGGGTGGCCAGGGC
GCGCGCTACCTGAGCGACCTGTTCAACACATGCGTGGACGTGCGCTGGCGCTGGATGTGCTGCTCTTCT
CCTGCTCCTTCGCTCGCTCCTGGCTGCTCTTCGGCCTGGCCTTCTGGCTCATTGCCTCGCTGCACGGCGA
CCTGGCGCGCCCGCCACCGCCCGCCCTGCTTCTCACACGTGGCCAGCTTCTGGCCGCTTCTCTTCTTC
GCGCTGGAGACGACGACGTCCATCGGCTACGGCGTGCGCAGCGTCACCGAGGAGTGCCCGGCCGCTGTGG
CCGCCGTGGTGTGAGTGCATTGCCGGCTGCGTGCTCGACGCTTCGTCGTGGGTGCTGTATGGCCAA
GATGGCCAAACCAAGAAGCGCAACGAGACGCTGGTCTTCAGCGAGAACGCCGTCGTGGCGCTGCGCGAC
CACCGCTCTGCCTCATGTGGCGCGTCGGCAACCTGCGCCGACGCCACCTGGTCGAGGCCACGTGCGTG
CCCAGTGCTGCAGCCCCGTGTGACCCAGAGGGTGAGTACATCCCGCTGGACCACCAGGATGTGGATGT
GGGCTTTGATGGAGGCACCGATCGTATCTTCTCGTGTCCCCATCACCATCGTCCATGAGATCGACTCT
GCCAGTCTCTGTATGAGCTAGGACGTGCCGAGCTGGCCAGGGCTGACTTTGAGCTGGTGGTCATTCTCG
AGGGGATGGTTGAGGCCACAGCCATGACCACACAGTGTGCTCGCTCCTACCTCCCTGGTGAAGTGTCTG
GGGCCATCGTTTTGAGCCAGTTCTCTTCAGCGTGCGTCCAGTATGAGGTGAGTATCGCCACTTCCAT
CGCACTTATGAGGTCCCAGGGACACCGGTCTGCACTGCTAAGGAGCTGGATGAACGGGCAGAGCAGGCTT
CCCACAGCCTCAAGTCTAGTTTCCCCGGCTCTCTGACTGCATTTTGTTATGAGAATGAATTGCTCTGAG
CTGCTGCCAGGAGGAAGATGAGGACGATGAGACTGAGGAAGGGAATGGGTGGAAACAGAAGATGGGGCT
GCTAGCCCCGAGTTCTACACCAACCTGGCGCTGACCCTGCCTCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC207756 protein sequence Red=Cloning site Green=Tags(s) MGLARALRRLSGALDSGDSRAGDEEEAGPGLCRNGWAPAPVQSPVGRRRGRFVKKDGHCNVRVFNLGGQG ARYLSDLFTTCVDVRRWMCLLFSCSFLASWLLFGLAFWLIASLHGDLAAPPPAPCFSHVASFLAAFLF ALETQTSIGYGVRSVTEECPAAVAAVVLQCIAGCVLDAFVVGAVMAKMAKPKKRNETLVFSENAVVALRD HRLCLMWRVGNLRRSHLVEAHVRAQLLQPRVTPEGEYIPLDHQDQVDVGFDDGGTDRIFLVSPITIVHEIDS ASPLYELGRAELARADFELVVILEGMVEATAMTTQCRSSYLPGELLWGHREFVLFQRGSQYEVDYRHFH RTYEVPGTPVCSAKELDERAEQASHSLKSSFPGSLTAFICYENELALSCCQEEDDEDETEEGNGVETEDGA ASPRVLTPTLALTLP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_013348
ORF Size:	1308 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_013348.2
RefSeq Size:	2851 bp
RefSeq ORF:	1311 bp
Locus ID:	3770
UniProt ID:	Q9UNX9
Cytogenetics:	19q13.33
MW:	47.8 kDa