

Product datasheet for **RC212078A1V**

Human KCNC4 (NM_004978) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KCNC4 (NM_004978) AAV Particle
Tag:	Myc-DDK
Symbol:	KCNC4
Synonyms:	C1orf30; HKSHIIC; KSHIIC; KV3.4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212078 representing NM_004978
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATCAGCTCGGTGTGTGTCTCCTCCTACCGCGGGCGCAAGTCGGGAACAAGCCTCCGTCCAAAACAT
 GTCTGAAGGAGGAGATGGCCAAGGGCGAGGCGTCGGAGAAGATCATCATCAACGTGGGCGGCACGCGACA
 TGAGACCTACCGCAGCACCTGCGCACCTACCGGAACCCGCCCTCGCCTGGCTGGCCGACCCCGACGGC
 GGGGGCCGGCCGAGACCGATGGCGGCGGTGTGGGTAGCAGCGGCAGCAGCGGCGGGGGCTGCGAGT
 TCTTCTTCGACAGGCACCCGGGCGTCTTCGCCTACGTGCTCAACTACTACCGACCGGCAAGCTGCACTG
 CCCC CGGACGTGTGCGGGCGCTCTTCGAAGAGGAGCTCACCTTCTGGGGCATCGACGAGACCGACGTG
 GAACCTGCTGCTGGATGACCTACCGGCAGCACCGCGACGCCGAGGAGGCGCTCGACATCTTCGAGAGCC
 CGGACGGAGGCGCAGCGGCGGGGCCAGCGACGAGGCCGGCGACGATGAGCGGGAGCTGGCCCTGCA
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 GGTGCCTGTATCGTCAACAACCTTCGGCATGTACTACTCCCTGGCCATGGCCAAGCAGAAGCTGCCAAG
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 CCCCCCGGACAGCACCTGCAGTGATACCAGCCCCCTGCCCGGAAGAGGGTATGATCGAGAGGAAACG
 GGCAGACTCTAAGCAGAATGGCGATGCCAACGCACTGCTGTCTGATGAGGAGGGAGCTGGCCTCACCCAA
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 AGAAGGCAGCTGCCTGCTTCCTGCTCAGCACTGGGGACTATGCCTGCGCCGATGGTAGTGTCCGGAAGG
 CACATTCGTCTCCGTGACCTTCCCCTTCAGCATTACCTGAGGCTGCATGCCCTCCAACCTGCTGGGACT
 CTGTTCTGCCACAT

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC212078 representing NM_004978 Red=Cloning site Green=Tags(s) MISSVCVSSYGRKSGNKPPSKTCLKEEMAKGEASEKIIINVGGTRHETYRSTLRTLPGTRLAWLADPDG GGRPETDGGVGSSGSSGGGGCEFFDRHPGVFAYVLNYYRTGKLHCPADVCGPLFEEELTFWGIETDV EPCCWMTYRQHRDAEEALDIFESPDGGSGAGPSDEAGDDERELALQRLGPHEGGAGHGAGSGGCRGWQP RMWALFEDPYSSRAARVAFASLFFILVSITTFCLTHEAFNIDRNVTEILRVGNITSVHFRREVETETPI LTYIEGVCVLWFTLEFLVRIVCCPDTLDFVKNLLNIIDFVAILPFYLEVGLSGLSSKAARDVLGFLRVVR FVRILRIFKLTRHFVGLRVLGHTLRASTNEFLLLIIFLALGVLIATMIYYAERIGARPSDPRGNDHTDF KNIPIGFWWAVVTMTTLGYGDMYPKTWSGMLVGALCALAGVLTAMPVPVIVNNFGMYSLAMAKQKLPK KRKKHVPRAQLESPMYCKSEETSPRDSTCDTSPPAREEGMIERKRADSKQNGDANAVLSDEEGAGLTQ PLASSPTPEERRALRRSTTRDRNKAAACFLLSTGDYACADGSRKGTFLRDLPLQHSPEACPPTAGT LFLPH SGPTRRRLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004978
ORF Size:	1905 bp
Buffer:	PBS with 0.001% Pluronic F6831
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_004978.2</u>
RefSeq Size:	2879 bp
RefSeq ORF:	1908 bp
Locus ID:	3749
UniProt ID:	<u>Q03721</u>
Cytogenetics:	1p13.3
MW:	69.6 kDa