

Product datasheet for **RC209207A1V**

Human KCNK5 (NM_003740) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	KCNK5
Synonyms:	K2p5.1; KCNK5b; TASK-2; TASK2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC209207 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGTGGACCGGGCCCTCTGCTCACCTCGGCCATCATCTTCTACCTGGCCATCGGGCGGCGATCTTCG
 AAGTGCTGGAGGAGCCACACTGGAAGGAGGCCAAGAAAACTACTACACACAGAAGCTGCATCTGCTCAA
 GGAGTTCCTCGCTGGGTGAGGAGGCCCTGGACAAGATCCTAGAGGTGGTATCTGATGCTGCAGGACAG
 GGTGTGGCCATCACAGGAACAGACCTTCAACAACCTGGAAGTGGCCCAATGCAATGATTTTTGCAGCGA
 CCGTCATTACCACCATTTGGATATGGCAATGTGGCTCCCAAGACCCCGCGGTGCCTCTTCTGTGTTTT
 CTATGGTCTCTTCGGGGTGGCGCTCTGCTGACGTGGATCAGTGCCCTGGGCAAGTTCTTCGGGGGACGT
 GCCAAGAGACTAGGGCAGTTCCTTACCAAGAGAGGTGTGAGTCTGCGGAAGGCGCAGATCACGTGCACAG
 TCATCTTCATCGTGTGGGGCTCCTAGTCCACCTGGTATCCACCTTCGTATTCATGGTACTGAGGG
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 GAAGCGGGCGGCGGACGGAAGGAGTCTTTGAGAGCTCCCCACACTCCCGGAAGGCCCTGCAGGTGAAG
 GGGAGCACAGCCTCCAAGGAGTCAACATCTTCAGCTTTCTTCCAAGAAGGAAGAGACCTACAACGACC
 TCATCAAGCAGATCGGGAAGAAGCCATGAAGACAAGCGGGGTGGGGAGACGGGCCCGGGCCAGGGCT
 GGGGCCTCAAGGCGGTGGGCTCCAGCACTGCCCTTCCCTGGTGGCCCTGGTGTCTACTCCAAGAAC
 CGGGTGGCCACCTTGAAGAGGTGTACAGACACTGAGGAGCAAAGGCCACGTATCAAGGTCCCGAGATG
 AGGAGGCTGTGGCAGGGCCCTGAAGACAGCTCCCTGCCCGGAGGTGTTATGAACAGCTGGACCG
 CATCAGCGAGGAATGCGAGCCATGGGACGCCAGGACTACCACTCATCTTCCAGGACGCCAGCATC
 ACCTTCGTGAACACGGAGGCTGGCCTCTCAGACGAGGAGACCTCCAAGTCTCGCTAGAGGACAACCTTG
 CAGGGGAGGAGAGCCCCAGAGGGGGTGAAGCCAAGGCGCCCTGAACATGGGCGAGTTCCTCTCTC
 CTCCGAGTCCACCTTACCAGCACTGAGTCTGAGCTCTCTGTGCCCTACGAACAGCTGATGAATGAGTAC
 AACAAGGCTAACAGCCCAAGGCAACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC209207 protein sequence
 Red=Cloning site Green=Tags(s)

MVDRGPLLTSIIFYLAIGAAIFEVLEEPHWKEAKKNYYTQKLHLLKEFPCLGQEGLDKILEVVSDAAGQ
 GVAITGNQTFNNWNPNAMIFAATVITTIYGNVAPKTPAGRLFCVFYGLFGVPLCLTWISALGKFFGGR
 AKRLGQFLTKRGVSLRKAQITCTVIFIVWGVLVHLVIPPVFMVTEGWNYIEGLYYSFITISTIGFDFV
 AGVNPSANYHALYRYFVELWIYLGAWLSLFVNWKVSMFVEVHKAIKRRRRRKESESSPHSRKALQVK
 GSTASKDVNIFSLSKKEETYNDLIKQIGKKAMKTSGGGETGPGPLGPQGGGLPALPPSLVPLVYYSKN
 RVPTLEEVSQTLRSKGHVSRSPEDEAVARAPEDSSPAPEVFMNQLDRISSECEPWDAQDYHPLIFQDASI
 TFWNTEAGLSDEETSKSLEDNLAGEESPQGAEAKAPLNMGEFPSSSESTFTSTESELSVPYEQLMNEY
 NKANSPKGT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_003740

ORF Size: 1497 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_003740.3
RefSeq Size:	3800 bp
RefSeq ORF:	1500 bp
Locus ID:	8645
UniProt ID:	O95279
Cytogenetics:	6p21.2
MW:	55.1 kDa