

Product datasheet for RC214082A1V

Human KCNK2 (NM_001017424) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KCNK2 (NM_001017424) AAV Particle
Tag:	Myc-DDK
Symbol:	KCNK2
Synonyms:	hTREK-1c; hTREK-1e; K2p2.1; TPKC1; TREK; TREK-1; TREK1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC214082 representing NM_001017424 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGAACCCACGAGCAAAAAGGGATTTCTACTTGGCGGCACCTGACTTGTGGATCCTAAATCTGCCG
CTCAGAACTCCAAACCGAGGCTCTCGTTTTCCACGAAACCCACAGTGCTTCCCGGGTGGAGAGTGA
CAGCACCATAATGTTATGAAATGGAAGACGGTCTCCACGATATTCCTGGTGGTTGTCTCTATCTGATC
ATCGGAGCCACCGTGTTCAAAGCATTGGAGCAGCCTCATGAGATTTACAGAGGACCACCATTGTGATCC
AGAAGCAAACATTTCATATCCCAACATTCCTGTGTCAATTCGACGGAGCTGGATGAATTCAGCAAAT
AGTGGCAGCAATAAATGCAGGGATTATACCGTTAGGAAACACCTCCAATCAAATCAGTCACTGGGATTTG
GGAAGTTCCTTCTTTGCTGGCACTGTTATTACAACCATAGGATTTGGAAACATCTCACCCACGCACAG
AAGGCGGCAAAATATTCTGTATCATCTATGCCTTACTGGGAATCCCCTCTTTGGTTTTCTTTGGCTGG
AGTTGGAGATCAGCTAGGCACCATATTTGAAAAGGAATTGCCAAAGTGAAGATACGTTTATTAAGTGG
AATGTTAGTCAGACCAAGATTCGCATCATCTCAACAATCATATTTATACTATTTGGCTGTGACTCTTTG
TGGCTTGCTGCGATCATATTCAAACACATAGAAGGCTGGAGTGCCTGGACGCCATTTATTTGTGGT
TATCACTAACAACATTTGGATTTGGTACTACGTTGCAGGTGGATCCGATATTGAATATCTGGACTTC
TATAAGCCTGTCGTGTGGTTCTGGATCCTGTAGGGCTTGCTTACTTTGCTGCTGCTCCTGAGCATGATTG
GAGATTGGCTCCGAGTGATATCTAAAAAGACAAAAGAAGGTTGGGAGAGTTACAGACACACGCTGCTGA
GTGGACAGCCAACGTCACAGCCGAATCAAAGAAACCAGGAGGCGACTGAGTGTGGAGATTTATGACAAG
TTCCAGCGGGCCACCTCCATCAAGCGGAAGCTCTCGGCAGAACTGGCTGGAAACCACAATCAGGAGCTGA
CTCCTTGTAGGAGGACCTGTCAGTGAACACCTGACCAGCGAGAGGGATGTCTTGCCTCCCTTACTGAA
GACTGAGAGTATCTATCTGAATGGTTTGACGCCACACTGTGCTGGTGAAGAGATTGCTGTGATTGAGAAC
ATCAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC214082 representing NM_001017424 Red=Cloning site Green=Tags(s) MMNPRAKRDFYLAAPDLLDPKSAQAQNSKPRLSFSTKPTVLASRVESDITINVMKWKTVSTIFLVVLYLI IGATVFKALEQPHEISQRTTIVIQKQTFISQHSCVNSTELDEL IQQIVAAINAGIPLGNTSNQISHWDL GSSFFFAGTVITTIGFGNISPRTEGGKIFCIIYALLGIPLFGFLLAGVGDQLGTIFGKGIKVEDTFIKW NVSQTKIRIISTIIIFILFGCVLFVALPAIIFKHIEGWSALDAIYFVVITLTTIGFGDYVAGGSDIEYLDL YKPVVWFVILVGLAYFAAVLSMIGDWRVVISKKTKEEVGEFRAHAAEWTANVTAEFKETRRRLSVEIYDK FQRATSIKRKLSAELAGNHNQELTPCRRTLSVNHLT SERDVL PPLLKTESIYLNGLTPHCAGEEIAVIEN IK* TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001017424
ORF Size:	1266 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_001017424.1
RefSeq Size:	3340 bp
RefSeq ORF:	1269 bp
Locus ID:	3776
UniProt ID:	O95069
Cytogenetics:	1q41
MW:	46.7 kDa