

Product datasheet for **RC210938A1V**

Human GIRK2 (KCNJ6) (NM_002240) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GIRK2 (KCNJ6) (NM_002240) AAV Particle
Tag:	Myc-DDK
Symbol:	GIRK2
Synonyms:	BIR1; GIRK-2; GIRK2; hiGIRK2; KATP-2; KATP2; KCNJ7; KIR3.2; KPLBS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210938 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCAAGCTGACAGAATCCATGACTAACGTCCTGGAGGGCGACTCCATGGATCAGGACGTCGAAAGCC
CAGTGGCCATTACCAGCCAAAGTTGCCTAAGCAGGCCAGGGATGACCTGCCAAGACACATCAGCCGAGA
TCGGACCAAAAGGAAAATCCAGAGGTACGTGAGGAAAGACGGAAGTGAATGTTTCATCACGGCAACGTG
AGGGAGACCTATCGCTACCTGACCGATATCTTCACACATTAGTGGACCTGAAGTGGAGATTCAACCTAT
TGATTTTTGTCATGGTTACACAGTGACCTGGCTCTTTTTTGAATGATCTGGTGGTTGATCGCATACAT
ACGGGGAGACATGGACCACATAGAGGACCCCTCTGGACTCCTTGTTACCAACCTCAACGGGTTTCGTC
TCTGCTTTTTTATTCTCAATAGAGACAGAAACCACCTTGTTATGGCTACCGGGTCATCACAGATAAAT
GCCCCGAGGGAATTATTCTTCTTAATCCAATCTGTGTTGGGGTCCATTGTCAATGCATTTCATGGTGGG
ATGCATGTTTGTAAAAATCTCTCAACCAAGAAGAGGGCAGAGACCCCTGGTCTTTTCCACCCATGCAGTG
ATCTCCATGCGGGATGGGAACTGTGCCTGATGTTCCGGGTAGGGGACCTTAGGAATCCACATTGTGG
AGGCTTCCATCAGAGCCAAGTTGATCAAATCCAACAGACCTCGGAGGGGAGTTTCATCCCGTTGAACCA
GACGGATATCAACGTAGGTATTACACGGGGGATGACCGTCTGTTTCTGGTGTCACCGCTGATCATTAGC
CATGAAATTAACCAACAGAGTCCTTTCTGGGAGATCTCAAAGCCAGCTGCCAAAGAGGAACTGGAAA
TTGTGGTCATCCTAGAAGGAATGGTGAAGCCACAGGGATGACATGCCAAGCTCGAAGCTCCTACATCAC
CAGTGAGATCCTGTGGGTTACCGGTTACACCTGTCTGACCTGGAGGACGGGTTCTACGAAGTTGAC
TACAACAGCTTCCATGAGACCTATGAGACCAGCACCCCATCCCTAGTGCCAAAGAGCTGGCCGAGTTAG
CCAGCAGGGCAGAGCTGCCCCGAGTGGTCTGTATCCAGCAAACTCAACCAACATGCAGAACTGGAGAC
TGAAGAGGAAGAAAAGAACCTCGAAGAGCAACAGAAAGAAATGGTGATGTGGCAACCTGGAGAATGAA
TCCAAAGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210938 protein sequence Red=Cloning site Green=Tags(s) MAKLTESMTNVLEGDSMDQDVESPVAIHQPKLPKQARDDLPRHISRDRTRKRIQRYVRKDGKCNVHHGNV RETYRYLTDIFITTLVDLKWRFNLLIFVMVYTVTLFFGMIWWLIAYIRGDMDHIEDPSWTPCVTNLNGFV SAFLFSIETETTIGYGYRVITDKCEGIILLIIQSVLGSIVNAFMVGCMTFVKISQPKKRAETLVFSTHAV ISMRDGKLCMLFRVGDRLRNSHIVEASIRAKLIKSKQTSEGEFIPLNQTDINVGYTGGDRLFLVSPLIIS HEINQQSPFWEISKAQLPKEELEIVVILEGMVEATGMTQCARSSYITSEILWGYRFTPVLTLLEDGFYEVD YNSFHETYETSTPSLSAKELAEASRAELPLSWSVSSKLNQHALETEEEEEKNLEEQTERNGDVANLENE SKV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002240
ORF Size:	1269 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_002240.2
RefSeq Size:	2537 bp
RefSeq ORF:	1272 bp
Locus ID:	3763
UniProt ID:	P48051
Cytogenetics:	21q22.13
MW:	48.5 kDa