

Product datasheet for **RC205322A1V**

Human **GIRK1 (KCNJ3) (NM_002239) AAV Particle**

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GIRK1
Synonyms:	GIRK1; KGA; KIR3.1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC205322 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCTGCACTCCGAAGGAAATTTGGGACGATTATCAGGTAGTGACCACATCGTCCAGCGGCTCGGGCT
 TGCAGCCCCAGGGCCAGGCCAGGACCCTCAGCAGCAGCTTGTGCCAAGAAGAAGCGGCAGCGGTTCTGT
 GGACAAGAACGGCCGGTCAATGTACAGCACGGCAACCTGGGCAGCGAGACAAGCCGCTACCTCTCGGAC
 CTCTTACCACGCTGGTGGACCTCAAGTGGCGCTGGAACCTTTCATCTTCACTACACCGTGG
 CCTGGCTTTTCATGGCGTCCATGTGGTGGTGATCGCCTACACTCGGGGCGACCTGAACAAAGCCACGT
 CGGTAACACACGCTTTCGTGGCCAAATGTCTATAAATTCCCTTCTGCTTCTTCTCATCGAGAG
 GAGGCCACCATCGGCTATGGCTACCGATACATCACAGACAAGTGCCCGAGGGCATCATCTCTTCTCT
 TCCAGTCCATCCTGGCTCCATCGTGGACGCTTCTCATCGGCTGCATGTTTCATCAAGATGCCAGCC
 CAAGAAGCGCGCCGAGACCCTCATGTTACCGAGCACGCGGTGATCTCCATGAGGGACGAAAACCTCAG
 CTTATGTTCCGGGTGGGCAACCTGCGCAACAGCCACATGGTCTCCGCGCAGATTCGCTGCAAGCTGCTCA
 AATCTCGGCAGACACCTGAGGGTGAGTTCCTTCCCTTGACCAACTGAACTGGATGTAGGTTTTAGTAC
 AGGGGCGAGTCAACTTTTTCTGTGTCCCCCTCACAATTCGCCACGTGATCGATGCCAAAAGCCCTTT
 TATGACCTATCCCAGCGAAGCATGCAAACTAAACAGTTCGAGATTGTCGTCATCCTAGAAGGCATGTGG
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 GTCCCCACCCACCTTACAGTGTGAAAGAGCAGGAGGAAATGCTTCTCATGTGCTCCCTTTAATAGCAC
 CAGCCATAACTAACAGCAAAGAAAGACATAATTCTGTGGAATGCTTAGATGGACTAGATGATTTACTAC
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 CGGGCAACTCAGAAGAAAACTGGTATCTAAAACCACCAAGATGTTATCTGATCCCATGAGCCAGCTGT
 GGCTGATTTGCCACCAAGCTTCAAAGATGGCTGGAGGAGCAGCTAGGATGGAAGGGAACCTTCCAGCC
 AAATTAAGAAAAATGAACTCTGATCGCTTACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205322 protein sequence
 Red=Cloning site Green=Tags(s)

MSALRRKFGDDYQVVTSSSGSGLQPQGPQDPQQQLVPKKKRQRFVDKNGRCNVQHNLGSETSRYLSD
 LFTTLVDLKWVWNLFIIFILTYVAWLFMASMWWVIAAYTRGDLNKAHVGNYPVCVANVYVNFSAFLFFIET
 EATIGYGYRYITDKCEPILFLFQSIILGSIIVDAFLIGCMFIKMSQPKKRAETLMFSEHAVISMRDGKLT
 LMFVRGNLRNSHMVSAQIRCKLLKSRQTPGEFLPLDQLELDVGFSTGADQLFLVSPLTIRHVIDAKSPF
 YDLSQRSMQTKQFEIVVILEGIVETTGMTQARTSYTEDEVLWGHFRFPVISLEEGFFKVDYSQFHATFE
 VPTPPYSVKEQEMLLMSSPLIAPAITNSKERHNSVECLDGLDDITTKLPSKLQKITGREDFPKLLRMS
 STTSEKAYSLGDLPMKLQRISVPGNSEEKLVSKTTKMLSDPMSQSVADLPPKLQKMAGGAARMENLPA
 KLRKMNSDRFT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_002239
ORF Size: 1503 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_002239.2](#)

RefSeq Size: 4740 bp

RefSeq ORF: 1506 bp

Locus ID: 3760

UniProt ID: [P48549](#)

Cytogenetics: 2q24.1

MW: 56.7 kDa