

Product datasheet for **RC210327A1V**

Human GRK2 (NM_001619) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GRK2 (NM_001619) AAV Particle
Tag:	Myc-DDK
Symbol:	GRK2
Synonyms:	ADRBK1; BARK1; BETA-ARK1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC210327 representing NM_001619
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCGGACCTGGAGGCGGTGCTGGCCGACGTGAGCTACCTGATGGCCATGGAGAAGAGCAAGGCCACGC
 CGGCCGCGCGCCAGCAAGAAGATACTGCTGCCGAGCCAGCATCCGAGTGTATGCAGAAGTACCT
 GGAGGACCGGGCGAGGTGACCTTTGAGAAGATCTTTCCAGAACTGGGGTACCTGCTCTCCGAGAC
 TTCTGCCTGAACCACTGGAGGAGGCCAGGCCCTTGGTGAATTCTATGAGGAGATCAAGAAGTACGAGA
 AGCTGGAGACGGAGGAGGAGCGTGTGGCCGACGCCGGGAGATCTTCGACTCATACATCATGAAGGAGCT
 GCTGGCCTGCTCGCATCCCTTCTGAAGAGTGCCACTGAGCATGTCCAAGGCCACCTGGGAAGAAGCAG
 GTGCCTCCGGATCTCTCCAGCCATACATCGAAGAGATTTGTCAAACCTCCGAGGGGACGTGTTCCAGA
 AATTCATTGAGAGCGATAAGTTCACACGTTTTGCCAGTGGAAGAATGTGGAGCTCAACATCCACCTGAC
 CATGAATGACTTCAGCGTGCATCGCATATTGGCGCGGGGGCTTTGGCGAGGTCTATGGGTGCCGAAG
 GCTGACACAGGCAAGATGTACGCCATGAAGTGCCTGGACAAAAAGCGCATCAAGATGAAGCAGGGGGAGA
 CCCTGGCCCTGAACGAGCGCATCATGCTCTCGCTCGTCAGCACTGGGGACTGCCATTCTTGTCTGCAT
 GTCATACGCGTTCCACACGCCAGACAAGCTCAGCTTCTCCTGGACCTCATGAACGGTGGGGACCTGCAC
 TACCACCTCTCCAGCACGGGTCTTCTCAGAGGCTGACATGCGCTTCTATGCGGCCGAGATCATCTGG
 GCCTGGAGCACATGCACAACCGCTTCTGCTGCTACCGGACCTGAAGCCAGCCACATCCTTCTGGACGA
 GCATGGCCACGTGCGGATCTCGGACCTGGGCTGGCCTGTGACTTCTCCAAGAAGAAGCCCCATGCCAGC
 GTGGGCACCCACGGGTACATGGTCCGAGGTCTGCAGAAGGGCGTGGCCTACGACAGCAGTGGCGACT
 GGTTCTCTCTGGGGTGCATGCTCTTCAAGTTGCTGCGGGGGCACAGCCCTTCCGGCAGCACAAGACCAA
 AGACAAGCATGAGATCGACCGCATGACGCTGACGATGGCCGTGGAGCTGCCGACTCCTTCTCCCTGAA
 CTACGCTCCCTGCTGGAGGGTTGCTGCAGAGGGATGTCAACCGAGATTGGGCTGCCTGGGCCGAGGGG
 CTCAGGAGGTGAAAGAGAGCCCTTTTTCCGCTCCCTGGACTGGCAGATGGTCTTCTTGAGAAGTACCC
 TCCCCGCTGATCCCCCACGAGGGGAGGTGAACGCGGCCGACGCTTCGACATTGGCTCCTTCGATGAG
 GAGGACACAAAAGGAATCAAGTTACTGGACAGTGATCAGGAGCTCTACCGCACTTCCCCCTCACCATCT
 CGGAGCGGTGGCAGCAGGAGGTGGCAGAGACTGTCTTCGACACCATCAACGCTGAGACAGACCGGTGGA
 GGCTCGCAAGAAAGCCAAGAACAAGCAGCTGGGCCATGAGGAAGACTACGCCCTGGGCAAGGACTGCATC
 ATGCATGGCTACATGTCCAAGATGGGCAACCCCTTCTGACCCAGTGGCAGCGCGGTACTTCTACCTGT
 TCCCCAACCGCTCGAGTGGCGGGCGAGGGCGAGGCCCGCAGAGCCTGCTGACCATGGAGGAGATCCA
 GTCGGTGGAGGAGACGAGATCAAGGAGCGCAAGTGCCTGCTCCTCAAGATCCGCGGTGGGAAACAGTTC
 ATTTTGCAGTGCATAGCGACCTGAGCTGGTGCAGTGAAGAAGGAGCTGCGCGACGCCTACCGCGAGG
 CCCAGCAGCTGGTGCAGCGGGTGCCCAAGATGAAGAACAAGCCGCGCTCGCCCGTGGTGGAGCTGAGCAA
 GGTGCCGCTGGTCCAGCGCGCAGTGCCAACGGCCTCAGCGGACCG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC210327 representing NM_001619 Red=Cloning site Green=Tags(s) MADLEAVLADVSYLMAMEKSKATPAARASKKILLPEPSIRSVMQKYLEDRGEVTFEKIFSQKLGYLFRD FCLNHLEEARPLVEFYEEIKKYEKLETEEERVARSRIFDSYIMKELLACSHPFKSATEHVQHLGKKQ VPPDLFQPYIEEICQNLRGDVFQKFIESDKFTRFCQWKNVELNIHLMNDFSVHRIIGRGGFGEVYGCRK ADTGKMYAMKCLDKKRIKMKQGETLALNERIMLSLVSTGDCPFIVCMSYAFHTPDKLSFILDLMNGGDLH YHLSQHGVFSEADMRFYAAEIIILGLEHMHNRFFVYRDLKPANILLDEHGHVRISDLGLACDFSCKKPHAS VGTHGYMAPEVLQKGVAYDSSADWFSLGCMFLKLLRGHSPFRQHKTDKHEIDRMTLTMAVELPDSFSPE LRSLLEGLLQRDVNRRLGCLGRGAQEVKESPFRRSLDWQMVFLQKYPPPLIPPRGEVNAADAFDIGSFDE EDTKGIKLLDSDQELYRNFLTISERWQQEVAETVFDINAETDRLEARKKAKNKQLGHEEDYALGKDCI MHGYMSKMGNPFLTQWQRRYFYLPNRLEWRGEGEAPQSLLTMEEQSVETQIKERKCLLLKIRGGKQF ILQCSDPELVQWKELRDAYREAQQLVQRPVKMKNKPRSPVVELSKVPLVQRGSANGLSGP SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001619
ORF Size:	2076 bp
Buffer:	PBS with 0.001% Pluronic F6572
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_001619.2</u>
RefSeq Size:	3603 bp
RefSeq ORF:	2070 bp
Locus ID:	156
UniProt ID:	<u>P25098</u>
Cytogenetics:	11q13.2
MW:	79.4 kDa