

Product datasheet for **RC215129A1V**

Human GRK3 (NM_005160) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GRK3 (NM_005160) AAV Particle
Tag:	Myc-DDK
Symbol:	GRK3
Synonyms:	ADRBK2; BARK2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215129 representing NM_005160
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGACCTGGAGGCTGTGCTGGCCGATGTCACTTACCTGATGGCCATGGAGAAGAGCAAGGCGACCC
 CGGCCGCGCCGCCAGCAAGAGGATCGTCCTGCCGAGCCAGTATCCGGAGTGTGATGCAGAAGTACCT
 TGCAGAGAGAAATGAAATAACCTTTGACAAGATTTTCAATCAGAAAATTGGTTTCTTGCTATTTAAAGAT
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 AACTTGATAATGAGGAAGACCGCTTTGCAGAAGTCGACAAATTTATGATGCCTACATCATGAAGGAACT
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 GTGACATCAACTCTTTTTAGCCATACATAGAAGAAATTTGTGAAAGCCTTCGAGGTGACATTTTTCAAA
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 CATGAATGAGTTCAGTGTGCATAGGATTATTGGACGAGGAGGATTCGGGGAAGTTTATGGTTGCAGGAAA
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 GTTGGCACCCATGGGTACATGGCTCCCGAGGTGCTGCAGAAGGGGACGGCCTATGACAGCAGTGCCGACT
 GGTTCTCCCTGGGCTGCATGCTTTTCAAACCTCTGAGAGGTACAGCCCTTTAGACAACATAAAACCAA
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 GAGGATACCAAGGGATTAAGCTACTTGATTGCGACCAAGAACTCTACAAGAACTTCCCTTTGGTCATCT
 CTGAACGCTGGCAGCAAGAAGTAACGGAACAGTTTATGAAGCAGTAAATGCAGACACAGATAAAATCGA
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 ATGCACGGGTACATGCTGAAACTGGGAAACCATTTCTGACTCAGTGGCAGCGTCGCTATTTTTACCTCT
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 CTCTGTGGAAGAACTCAAATTAAGACAAAAAATGCATTTTGTTCAGAATAAAAGGAGGGAAACAAATTT
 GTCTTGCAATGTGAGAGTGATCCAGAGTTTGTGCAAGTGAAGAAAGAGTTGAACGAAACCTTCAAGGAGG
 CCCAGCGGCTATTGCGTCGTGCCCCGAAGTTCTCAACAAACCTCGGTCAAGTACTGTGGAGCTCCCAAA
 GCCATCCCTCTGTCACAGAAACAGCAACGGCCTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215129 representing NM_005160 Red=Cloning site Green=Tags(s) MADLEAVLADVSYLMAMEKSKATPAARASKRIVLPEPSIRSVMQKYLAERNEITFDKIFNQKIGFLLFKD FCLNEINEAVPQVKFYEEIKEYEKLDNEEDRLCRSRQIYDAYIMKELLSCSHPFKQAVEHVQSHLSKKQ VTSTLFQPYIEEICESLRGDIQKFMESDKFTRFCQWKNVELNIHLMNEFSVHRIIGRGGFGEVYGCRK ADTGKMYAMKCLDKKRIKMKQGETLALNERIMLSLVSTGDCPFIVCMTYAFHTPDKLCFILDLMNGGDLH YHLSQHGVSSEKEMRFYATEIILGLEHMHNRFFVYRDLKPANILLDEHGHARISDLGLACDFSCKKPHAS VGTHGYMAPEVLQKGTAYDSSADWFSLGCMFLKLLRGHSPFRQHKTCDKHEIDRMTLTVNVLPDTFSPE LKSLLEGLLQRDVSKRLGCHGGGQEVKEHSFFKGVQWQHVYLYQYPPPLIPPRGEVNAAADAFDIGSFDE EDTKGIKLLDCDQELYNFPLVISERWQQEVETVYEAVNADTDKIEARKRAKNKQLGHEEDYALGKDCI MHGYMLKLGPNFLTQWQRRYFYLFNRLLEWRGEGESRQNLMTMEQILSVEETQIKDKKCILFRIKGGKQF VLQCESDPEFVQWKELNETFKEAQRLLRRAPKFLNKPRSGTVELPKPSLCHRNSNGL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005160
ORF Size:	2064 bp
Buffer:	PBS with 0.001% Pluronic F7326
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_005160.2</u>
RefSeq Size:	3628 bp
RefSeq ORF:	2067 bp
Locus ID:	157
UniProt ID:	<u>P35626</u>
Cytogenetics:	22q12.1
MW:	79.5 kDa