

Product datasheet for **RC224409A1V**

Human GK5 (NM_001039547) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GK5
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC224409 representing NM_001039547
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCGGGGCTGCTCACGGACCCGGAGCAGAGAGCGCAGGAGCCGCGGTACCCCGGCTTCGTGCTGGGGC
 TGGATGTGGGCAGTTCTGTGATCCGCTGCCACGTCTATGACCGGGCGGCGGGTCTGCGGCTCCAGCGT
 GCAGAAGGTAGAAAATCTTTATCCTCAAATTTGGCTGGGTAGAAATTTGATCCTGATGTTCTTTGGATTCAA
 TTTGTTGCCGTAATAAAAGAAGCAGTCAAAGCTGCAGGAATACAGATGAATCAAATTTGTTGGTCTTGGCA
 TTTCAACACAGAGAGCAACTTTTATTACGTGGAACAAGAAAACAGGAAATCATTTTCACAACTTTATAAG
 TTGGCAAGACTTAAGAGCTGTTGAACCTTGTAAATCTTGGAATAATTCTCTTCTTATGAAGATATTTTAC
 AGTTCTTGCCGAGTGCTTCACTTTTCACTAGAAAGTAAACGACTTTTACAGCCAGTTTGTCTCACTTTCA
 CAACCCAGCAGACTTCTTTGAGATTGGTCTGGATTTTACAGAACTGACTGAGGTGCAAAAGGCAGTTGA
 AGAAGAAAATTTGCTGCTTTGGGACTATTGATACCTGGTTGTATATAAGCTCACAAAAGTTCTGTATAT
 GCCACAGATTTTTCAAATGCTAGTACAACCTGGACTTTTTGACCCATATAAGATGTGTTGGAGTGGGATGA
 TTACCTCTCTAATTTTCGATACCACTTTCTCTCTACCTCCTGTGAGGGACACAAGCCACAATTTTGGATC
 AGTGGATGAAGAGATATTTGGTGTGCCTATACCAATAGTTGCCTTGGTTGCTGACCAGCAATCAGCCATG
 TTTGGAGAGTGCTGCTTCCAGACAGGTGATGTGAAATTAACCATGGGAAGTGGGACATTTTGGATATTA
 ACACCTGGAAATAGCCTTCAACAGACTACTGGAGGCTTTTATCCATTAATTGGGTGGAAGATTGGGCAAGA
 AGTCGTATGCTTAGCTGAAAGCAATGCAGGAGACACTGGTACTGCCATAAAATGGGCTCAGCAGTTAGAC
 CTTTTACAGATGCTGCTGAGACTGAAAAATGGCCAAAAGTTGGAGGATTCTGAAGGAGTTTGTTTTG
 TTCCATCTTTTAGTGGATTACAGGCTCCATTAATGACCCCTGGGCATGTGCCTTTTTATGGGTTTGAA
 GCCTTCTACCAAGTAAATACCATCTGTACGAGCAATATTGGAGTCAATAGCTTTCAGAAACAAACAGTTA
 TATGAGATGATGAAGAAAGAGATTCATATTCCTGTAAGAAAAATCCGGGCAGATGGAGGAGTTTGTGAAGA
 ATGGTTTTGTGTCATGCAGATGACTTCAGACCTGATTAATGAGAATATAGACAGACCTGCCGACATTGACAT
 GTCATGCCTGGGTGCAGCTTCTAGCTGGCCTTGCTGTTGGGTTTGGACTGACAAGGAGGAACATAAG
 AAACCTGAGACAAAGTGAAGTGGTTTTCAAGCCACAGAAGAAATGTCAAGAATATGAAATGAGTCTGGAAA
 ACTGGGCCAAAGCAGTGAACGCTCCATGAATTTGGTATAACAAGACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224409 representing NM_001039547
 Red=Cloning site Green=Tags(s)

MSGLLTDPEQRAQEPRYPGFVLGLDVGSSVIRCHVYDRAARVCGSSVQKVENLYPQIGWVEIDPDVLWIQ
 FVAVIKEAVKAAGIQMNQIVGLGISTQRATFITWNKKTGNHFNHFIWQDLRAVELKSWNNSLLMKIFH
 SSCRVLHFFTRSKRLFTASLFTFTTQQTSLRLVWILQNLTEVQKAVEEENCCFGTIDTWLLYKLTGGSVY
 ATDFSNASTTGLFDPYKMCWSGMTSLISIPLSLLPPVRDTSNHFSGVDEEIFGVPIPIVALVADQQSAM
 FGECCFQTGDVKLTMTGTFLDINTGNSLQQTGGFYPLIGWKIGQEVVCLAESNAGDTGTAIKWAQQLD
 LFTDAAETEKMAKSLEDSEGVCFVPSFSGLQAPLNDPWACASFMLKPSTSKYHLVRAILESIAFRNKQL
 YEMMKKEIHIPVRKIRADGGVCKNGFVMQMTSDLINENIDRPADIDMSCLGAASLAGLAVGFWDKEELK
 KLRQSEVVFKPKKKCQEYEMSLNWAQVAVKRSMNWYNKT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001039547

ORF Size: 1587 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_001039547.1
RefSeq Size:	9834 bp
RefSeq ORF:	1590 bp
Locus ID:	256356
UniProt ID:	Q6ZS86
Cytogenetics:	3q23
MW:	59 kDa