

Product datasheet for **MR215815A1V**

Mouse Gk5 (NM_177352) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Gk5
Synonyms:	AV095337; C330018K18Rik; G630067D24Rik
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR215815 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCAGGGCAGCAGGAGCGTGCAGAGCGGCAGCAGAGGAACTGAGCGCGTCGGCCTCGCCGCCCTCCC
 GCTTCGTGCTGGGGCTGGACGTGGGCAGCACGGTGATCCGCTGCCACGTCTATGACCAGACGGCGCAGT
 GCGAGGCTCCAGCGCGCAGAAGGTAGAAAAATGTTACCTCAACCTGGCTGGGTGAAATCGATCCTGAT
 TCTCTCTGGGCTCAGTTTGTGCCGTAATAAAGATGCTGTCAAAGCTGCAGGGGTGCAGATGAATCAAA
 TTGTCGGTCTTGGCATATCAACACAGAGAGCCACTTTTATTACATGGAACAAGAAAAACAGGCCATCATTT
 TCACAACTTCATTAGCTGGCAAGACCTAAGGGCAGCTGAACCTGTAAAGTCTTGGAAATAATTCTCTCATA
 ATGAAGCTATTGCATGGGGCCACCCGAGTCTTCATTCTTCAGTAGAAGTAAAGTAATGCTAACGGTCA
 GCCGCTTCAATTTAGCACCCAGCATGCCACCTTAAGATTGACCTGGATTTTACAAAACCTATCTGAGGT
 GAAAAGGGCAGTTGAAGAAGACAATTGTTGCTTTGGGACGATTGATACCTGGCTGTTATACAAGCTCAG
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 GCTGGAGCAGGCTCATAACCACCATGGTCTCCATCCCCTGTCTATCCTGCCTCCTGTGAAGGATACCA
 CTATAATTTTGGATCAGTGGATGAGAAGATATTGGCGTGCCTATACCACTGTTGCTTGGTTGGTGAC
 CAGCAGTCGGCCATGTTTGGAGAGTCTGCTTCGAGACGGGAGATGTGAAGCTAACCATGGGAACCTGGAA
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 GAAGATTGGGCAAGAAGTGTATGTTAGCTGAAGGCAATGCAGGAGACACGGGCACCGCCATAATGTGG
 GCTCAAAAATTAGATCTTTCACAGACGCTGCTGAGACTGAAAAATGGCCTGAGCCTGGAAGATTCTG
 AAGGGGTTTACTTTGTTCCGTGTTTAGTGGATTACAGGCTCCATTAATGACCCCTGTGCTGTGCTC
 TTTTATGGGTTTGAAGCACTCCACTAATAAATACCATCTTGTCCGAGCAATATTGGAGTCAATAGCTTTC
 AGGAACAAACAGTTGTACGACATGCTGCAGAGAGAAATCCAGATTCCTCGTCACGAACATCCGGGCAGATG
 GAGGCGTGTGTAAACACGCTTTCGTCATGCAGATGACTTCAGACCTGATAAATGAGAAGATAGACAGACC
 TGCCCACTTCGACATGCTGCTTGGGGCAGCCTCTCTGGCTGGCCTCGCTGTTGGATTTTGGGCGGAC
 AAGGAAGAGCTCCAGAAGCTGAGGCAAGCGAGATGGTTTTCAAGCCTCAGAAGAAGTGCCAGGAATACG
 AGGCATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR215815 protein sequence
 Red=Cloning site Green=Tags(s)

MSGQQERAERQREEL SASASPPSRFVLGLDVGSTVIRCHVYDQTARVRGSSAQKVENVYPQPGWVEIDPD
 SLWAQFVAVIKDAYKAAGVQMNQIVLGLISTQRATFITWNKKTGHFHFNFISWQDLRAAELVKSNNLSLI
 MKLLHGATRVLHFFSRSKVMLTVSRFNFSTQHATLRLTWILQNLSEVKRAVEEDNCCFGTIDTWLLYKLT
 KGSSYATDYSNASTTGFFDPYAMRWSRLITTMVSIPLSILPPVKDTSYNFGSVDEKIFGVPIPVVALVGD
 QQSAMFGECCFETGDVKLTMTGTGFLDINTGKNLQHVNGGFYPLIGWKIGQELVCLAEAGNAGDTGTAIMW
 AQKLDLFTDAAETEKMALESLESEGYYFVPSFSGLQAPLNDPCACASFMLKHSTNKYHLVRAILESIAF
 RNKQLYDMLQREIQIPVTNIRADGGVCNNAFVMQMTSDLINEKIDRPAHFDMSCSLGAASLAGLAVGFWD
 KEELQKLRSQSEMVFKPQKKWQEYEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse
Serotype: AAV-2
ACCN: NM_177352
ORF Size: 1548 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_177352.4
RefSeq Size:	2746 bp
RefSeq ORF:	1551 bp
Locus ID:	235533
UniProt ID:	Q8BX05
Cytogenetics:	9 E3.3
MW:	57.5 kDa