

Product datasheet for **MR208395A1V**

Mouse Gk (NM_008194) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gk (NM_008194) AAV Particle
Tag:	Myc-DDK
Symbol:	Gk
Synonyms:	D930012N15Rik; Gyk
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208395 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

 ATGGCAGCCGCGAAGAAAGCAGTTCTGGGGCCATTGGTGGGAGCAGTGGACCAGGTTACAGCTCGACAC
GTTTTTGGTTTTCAATTCAAAAACAGCTGAACCTCTTAGTCATCATCAAGTAGAAATAAACAGGAATT
CCCAAGAGAAGGATGGGTAGAACAAGACCCGAAGGAAATCTGCAGTCTGTTTATGAGTGTATAGAGAAA
ACGTGTGAGAACTTGGACAGCTCAATATTGATATTTCCAACATCAAAGCCATTGGTGTGAGCAACCAGA
GGGAAACCACAGTAGTCTGGGACAAGGTACCGGAGAGCCTCTCTATAATGCCGTGGTGTGGCTTGACCT
AAGAACCAGTCTACTGTTGAGAACCTTAGTAAAAGAATTCCAGGAAATAATAACTTTGTCAAGTCCAAG
ACAGGCCTTCCACTAGCACGTATTTAGTGCAGTGAACTTCGTTGGCTCCTTGACAACGTGAAAAAGG
TCCAAGAGGCTGTTGAAGAAAAAGAGCTCTTTTGGGACCATTGATTCATGGCTTATTTGGAGTTTAAC
AGGAGGAATCCATGGGGGTGTCCACTGTACAGATGTAACAAATGCAAGCAGGACGATGCTTTTAACTT
CATTCTTTGGAATGGGATAAAGAGCTCTGCGAATTTTTTGAATTCCAATGGAAATCTTCCCAACGTTT
GGAGTTCTTCTGAGATCTATGGCCTAATGAAAGCTGGGGCCTTGAAGGTGTACCAATATCTGGGTGTTT
GGGGGACCAGTCTGCTGCTTTGGTGGGACAAATGTGCTTCCAGGATGGACAGGCCAAAAACAGTATGGA
ACAGGGTGCTTCTTATTGTGCAACACGGGCCATAAGTGTGTATTTCTGAACATGGCCTCCTGACAACCG
TAGCATATAAACTTGGCAGAGACAACTGTGTATTATGCGTTGGAAGGTTCCGTGGCTATAGCTGGTGC
TGTAATCCGCTGGCTAAGAGACAACCTTGAATTATTAAGTCTCTGAGGAAATTGAAAACTTGCTAAG
GAAGTAGTACTTCTTATGGCTGCTACTTCGTTCCAGCATTTTCAGGGTTATATGCGCCTTATTTGGGAGC
CCAGTGCAAGAGGGATCATCTGTGACTCACTCAGTTCCACCAATAAATGTCATATCGCTTTTGTGCACT
AGAAAGCTGTTTGTTCCAAACCCGAGAGATTTTGGATGCCATGAATCGCGACTGTGGAATTCACCTCAGT
CATTTACAGGTAGATGGAGGAATGACCAGCAATAAAATCTTATGCAGCTACAAGCAGACATTCTGTATA
TTCCAGTAGTGAAACCTCCATGCCTGAAACAACCTGCACTAGGCGCTGCCATGGCAGCTGGGGCTGCAGA
GGGGGTTGGTGTGGAGTCTTGAACCTGAGGATTTGTGAGCTGTCAATGGAGCGGTTTGAACCTCAG
ATCAATGCTGAAGAAAGCGAAATCCGTTACTCCACATGGAAGAAAGCTGTGATGAAGTCAATTGGTTGG
TTACAACCTCAGTCTCCAGAAAGTGGTATCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208395 protein sequence

Red=Cloning site Green=Tags(s)

 MAAKKAVLGPLVGAVDQGTSSRFLVFNSKTAELLSHHQVEIKQEFPREGWVEQDPKEILQSVYECIEK
TCEKLGQLNIDISNIKAIGVSNQRETTVVWDKVTGEPLYNVAVWDLRTQSTVENLSKRIPGNNNFVSKS
TGLPLSTYFSAVKLRWLLDNVKKVQEAVEENRALFGTIDSWLIWSLTGGIHGGVHCTDVTNASRTMLFNI
HSLEWDKELCEFFGIPMEILPNVRSSSEIYGLMKAGALEGVPI SGCLGDQSAALVGQMCQDQDQAKNTYG
TGCFLLCNTGHKCVFSEHGLLTTVAYKLGRDKPVYYALEGSVAIAGAVIRWLRDNLGIKSSEEIEKLAK
EVGTSYGCYFVPAFSGLYAPYWEPSARGIICGLTQFTNKCHIAFAALEAVCFQTREILDAMNRDCGIPLS
HLQVDGGMTSNKILMQLQADILYIPVVKPSMPETTALGAAMAAGAEVGVWSLEPEDLSAVTMERFEPQ
INAESEIRYSTWKKAVMKSIGWVTTQSPESGIP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_008194

ORF Size:

1572 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:	<u>NM_008194.3, NP_032220.1</u>
RefSeq Size:	4357 bp
RefSeq ORF:	1575 bp
Locus ID:	14933
UniProt ID:	<u>Q64516</u>
Cytogenetics:	X 39.32 cM
MW:	57.5 kDa