

Product datasheet for **MR230480A1V**

Mouse Gk (NM_001294138) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gk (NM_001294138) 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:**

>MR230480 representing NM_001294138
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCAGCCGCGAAGAAAGCAGTTCTGGGGCCATTGGTGGGAGCAGTGGACCAGGGTACCAGCTCGACAC
 GTTTTTTGGTTTTCAATTCAAAAACAGCTGAACCTCTTAGTCATCATCAAGTAGAAATAAACAGGAATT
 CCCAAGAGAAGGATGGGTAGAACAAGACCCGAAGGAAATCTGCAGTCTGTTTATGAGTGTATAGAGAAA
 ACGTGTGAGAACTTGGACAGCTCAATATTGATATTTCCAACATCAAAGCCATTGGTGTGAGCAACCAGA
 GGGAAACCACAGTAGTCTGGGACAAGGTACCGGAGAGCCTCTCTATAATGCCGTGGCTGCTCCAGTTTC
 TCCTGGCTCTTCAGTTCCAGTTGCCGTTGTCCCTCTGGCTCTTCAGTTCCAGCTGCTGGTGCTTCTCA
 GTGTGGCTTGACCTAAGAACCAGTCTACTGTTGAGAACCTTAGTAAAAGAAATCCAGGAAATAATACT
 TTGTCAAGTCCAAGACAGGCCTTCCACTTAGCACGTATTTAGTGCAGTGAACCTCGTTGGCTCCTTGA
 CAACGTGAAAAAGGTCCAAGAGGCTGTTGAAGAAAATAGAGCTCTTTTGGGACCATTGATTCATGGCTT
 ATTTGGAGTTTAAACAGGAGGAATCCATGGGGGTGTCCACTGTACAGATGTAACAAATGCAAGCAGGACGA
 TGCTTTTTTAACATTCTTTTGAATGGGATAAAGAGCTCTGCGAATTTTTTGAATTCCAATGGAAT
 TCTTCCCAACGTTTCGAGTCTTCTGAGATCTATGGCCTAATGAAAGCTGGGGCCTTGAAGGTGTACCA
 ATATCTGGGTGTTTGGGGGACAGTCTGCTGCTTGGTGGGACAAATGTGCTTCCAGGATGGACAGGCCA
 AAAACAGTATGGAACAGGGTGCTTCTTATTGTGCAACACGGGCCATAAGTGTGATTTTCTGAACATGG
 CCTCTGACAACCGTAGCATATAAAGTGGCAGAGACAACTGTGTATTATGCGTTGGAAGGTTCCGTG
 GCTATAGCTGGTGCTGTAATCCGCTGGCTAAGAGACAACTTGAATTATTAAGTCTCTGAGGAAATTG
 AAAAAGTGTCTAAGGAAGTAGTACTTCTTATGGCTGCTACTTCGTTCCAGCATTTTCAGGGTTATATGC
 GCCTTATTGGGAGCCAGTGCAAGAGGATCATCTGTGGACTCACTCAGTTACCAATAAATGTCATATC
 GCTTTTGTGCTAGTGAAGCTGTTTGTTCGAACCCGAGAGATTTTGGATGCCATGAATCGCGACTGTG
 GAATTCAGTCACTCATTACAGGTAGATGGAGGAATGACCAGCAATAAAATCTTATGCAGCTACAAGC
 AGACATTCTGTATATTCCAGTAGTGAACCCCTCCATGCCTGAAACAACTGCACTAGGCGCTGCCATGGCA
 GCTGGGGCTGCAGAGGGGTTGGTGTGTGGAGTCTTGAACCTGAGGATTTGTGAGCTGTCAATGGAGC
 GGTTTGAACCTCAGATCAATGCTGAAGAAAGCGAAATCCGTTACTCCACATGGAAGAAAGCTGTGATGAA
 GTCAATTGGTTGGTTACAACCTAGTCTCCAGAAAGTGGTATCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230480 representing NM_001294138
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MAAAKKAVLGPLVGAVDQGTSSRFLVFNSKTAELLSHHQVEIKQEFREGWVEQDPKEILQSVYECIEK
 TCEKLQQLNIDISNIKAIGVSNQRETTVVWDKVTGEPLYNAAAPVSPGSSVPVAVVPSGSSVPAAGASS
 VWLDLRTQSTVENLSKRIPGNNFVKSTGLPLSTYFSAVKLRWLLDNVKKVQEAEEENRALFGTIDSWL
 IWSLTGGIHGGVHCTDVTNASRMLFNIHSLEWDKELCEFFGIPMEILPNVRSSEIYGLMKAGALEGVP
 ISGCLGDQSAALVGQMCQDQAKNTYGTGCFLLCNTGHKCVFSEHGLLTAVYKLGRDKPVYYALEGSV
 AIAGAVIRWLRDNLGIKSSEEIEKLAKEVGTSYGCYFVPAFSGLYAPYWEPSARGIICGLTQFTNKCHI
 AFAALEAVCFQTREILDAMNRDCGIPLSHLQVDGGMSTNKLMLQADILYIPVVKPSMPETTALGAAMA
 AGAAEGVGWVLEPEDLSAVTMERFEPQINAESEIRYSTWKKAVMKSIGWTTQSPESGIP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001294138

ORF Size:	1656 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_001294138.1, NP_001281067.1</u>
RefSeq Size:	4441 bp
RefSeq ORF:	1659 bp
Locus ID:	14933
Cytogenetics:	X 39.32 cM
MW:	59.8 kDa