

Product datasheet for **MR208790A1V**

Mouse Gk2 (NM_010294) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Gk2
Synonyms:	Gk-rs2; GKTA
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR208790 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCAGCCTCGAAGCAAACCTCTGCGGGACCGTTGGTAGGAGCGGTGGTCCAGGGAACCAACTCCA
 GCTTTCTAGTTTTCAATAGCAAAACAGCAGAACTAGTTTGCTCTCATCAGGTGGAACAGACACAAGAATA
 CCAAAAGAAGGATGGGTGGAGCAAGACCCCAAGGAATCCTTAAATCTGTCTATGAGTGCATAGCGAAA
 GCTTGTGAAAACTTGCTGAAGTGAACATTGATATTTCCAACATTAAGCTATCGGCGTGAGTAACCAGC
 GGGAAACCACTGTGGTCTGGGACAAGTTACGGGAGACCTCTGTACAATGCCGTGGTGTGGCTTGATCT
 CAGAACCCTGCTACTGTGGAGACTCTACTAAGAAAAATCCAGGAAATAGCAACTTTGTCAAGTCTAAG
 ACCGGCCTTCTCTAGCACTTACTTCAGTGCTGTGAAGCTGCGGTGGATGCTGGACAACCTAAGACCCA
 TTCAAAGGCTGTTGAGGAAGCAGAGCCATGTTTGAACCATCGACTCTTGGCTCATCTGGTGTATGAC
 CGGAGGAGTCAATGGAGGCATCCATTGCACCGATGTAACAAATGCATGCAGAACGATGCTTTTTAACATC
 CACTCTTTGGAATGGGATAAAGATCTCTGTGACTTTTTTGAATTCCAATGAGCATCCTCCCAATGTAT
 GCAGTTCTTCTGAGATCTATGGCCTGATGACATCAGGGGCCTTGAAGGCGTGCCAATATCTGGATGTTT
 GGGGATCAGTCTGCTGCTTTAGTGGGACAAATGTGTTCCATGAAGGTCAAGCAAAAACACATACGGA
 ACAGGCTGTTTTTACTATGTAATACAGGCCAGAAATGTGTGTTTTCTGAACATGGCCTTCTGACCACAT
 TGGCTTACAAACTAGGCAAAAATAAGCCAGTTTTTTATGCCTTAGAAGGTTCTGTTGCTATAGCTGGTGC
 TGTTATTGCTGGCTAAGAGACAATTTGAAATTATAACAACCTCAGGGGAAGTTGAAAATCTTGAAGA
 GAGGTAGGCACTTCTATGGCTGCTACTTTGTCCAGCCTTTTGGGGCTGTATGCACCTTACTGGGAAC
 CCAGTGCAAGAGGATAATCTGTGGTCTCACTCAGTTCACCAACAAATGCCATATTGCCTTTGCTGCGTT
 AGAAGCTGTTTGTTCAAACCCGAGAGATTTTGGATGCCATGAATCGCGACTGTGGAATTCACACTCAGT
 CATTTCGAGGTCGATGGAGGAATGACCAACAACAGGATTCTTATGCAGCTACAGGCAGATATTCTGCACA
 TTCCGGTAGTTAAGTCTGTATGCCTGAACGACGCGCCTGGGAGCTGCCATGGCAGCCGGAGCTGCAGA
 AGGGGTAATGTTGGAGTCTTGAACCTGAAGATTGTCTACGATCTTGATGGAACGATATGAACCACAA
 ATCCAAGCCACAGAGAGTGAAATTCGTTTTTCAACATGGAAGAGAGCAGTGATGAAGTCAATGGGTGGG
 TTACAGCAAAGGACCTGAAAATGGCGATAACCTGTCTTCTCTTGTCTGCCCTTGGGTTTTTTATAGT
 GAGTAGCATGACGTTATTAATTGGAGCAAGATGTGTCTCAACTGCTGAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR208790 protein sequence
 Red=Cloning site Green=Tags(s)

MAASKQTSAGPLVGAVVQGTNSTRFLVFNSKTAELVCSHQVELTQEYPKEGWVEQDPKEILKSVYECIAK
 ACEKLAENVNIDISNIKAIGVSNQRETTVVWDKFTGDPLYNVAVWDLRTQSTVETLTKKIPGNSNFVSK
 TGLPLSTYFSAVKLRWMLDNLRIQKAVEEGRAMFGTIDSWLIWCMTGGVNGGIHCTDVTNACRMLFNI
 HSLEWDKDLCDFFEIPMSILPNVCSSEIYGLMTSGALEGVPI SGCLGDQSAALVGQMCFHGQAKNTYG
 TGCFLLCNTGQKCVFSEHGLLTTLAYKLGNKPVFYALEGSVAIAGAVIRWLRDNFEIITTSGEVENLAR
 EVGTSYGCYFVPAFSGLYAPYWEPSARGIICGLTQFTNKCHIAFAALEAVCFQTREILDAMNRDCGIPLS
 HLQVDGGMNTNRIQLQADILHIPPVKSVMPTTALGAAMAAGAAEGVNVWSLEPEDLSTILMERYEPQ
 IQATESEIRFSTWKRAVMKSMGWVTA KDPENDNPVFSCLPLGFFIVSSMTLLIGARCVSTAE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Mouse
Serotype: AAV-2
ACCN: NM_010294
ORF Size: 1662 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_010294.1
RefSeq Size:	1848 bp
RefSeq ORF:	1665 bp
Locus ID:	14626
UniProt ID:	Q9WU65
Cytogenetics:	5 47.71 cM
MW:	60.6 kDa