

Product datasheet for **MR207945A1V**

Mouse Camk2g (NM_001039139) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Camk2g (NM_001039139) AAV Particle
Tag:	Myc-DDK
Symbol:	Camk2g
Synonyms:	Camkg
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207945 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCACCACGCCACCTGCACCCGCTTCACCGACGACTACCAGCTTTTCGAGGAGCTCGGCAAGGGTGC
 CCTTCTCAGTGGTCCGGAGGTGTGTAAGAAAACATCTACGCAGGAATATGCTGCAAAAAATCATCAATAC
 CAAGAAGTTGTCCGCCGAGATCATCAGAACTAGAACGAGAGGCCCGGATATGCCGACTTCTGAAACAT
 CCAAACATTGTGCGTCTCCATGACAGTATTTCTGAAGAAGGGTTTCACTACCTCGTGTGGACCTGTGTA
 CCGGAGGGGAGTTGTTTGAAGACATTGTGGCCAGAGAGTACTACAGTGAAGCTGATGCCAGCCACTGTAT
 ACATCAGATCCTGGAGAGTGTAAACCACATCCACCAGCATGACATCGTCCACCGGGATCTGAAGCCTGAG
 AACTTGTCTGGCGAGTAAATGCAAGGGTGTGCGGTCAAGCTAGCTGATTTTGGCCTGGCCATCGAAG
 TACAGGGAGAGCAGCAGGCTTGGTTTGGTTTTCGGCCACCCAGGTTACTTGTCCCTGAGGTCTTGAG
 GAAAGATCCCTATGAAAACCTGTGGACATCTGGCCTCGGGGTATCTGTATATCCTCCTGGTGGGC
 TACCCTCCCTTGGGATGAGGATCAGCACAAGCTGTATCAGCAGATCAAAGCTGGAGCCTACGATTTCC
 CATCACCAGAATGGGACACAGTCACTCCTGAAGCTAAGAACTTGATCAACCAGATGCTGACCATAAACCC
 TGCAAAGCGCATCACGGCCGACCAGGCTCTCAAGCACCATGGGTCTGTCAACGGTCTACGGTGGCATCC
 ATGATGCATCGCAAGAGACGGTAGAGTGTACGCAAAATCAACGCCCGGAGAAAACCTGAAGGGTGCCA
 TCCTCACAAACATGCTTGTCTCCAGGAATTTTCAGCTGCCAAAAGCCTATTGAACAAGAAGTCAAGTGG
 CGGTGTCAAGGAACCACAAACCACCGTGGTACATAATGCTACAGATGGGATCAAGGGCTCCACAGAGAGC
 TGTAACACCACACAGAAGACGAAGATCTCAAAGTGAAGAAACAAGAAATCATTAAAGATCACAGAACAAC
 TGATCGAAGCCATCAACAATGGGACTTTGAGGCCTACACGAAGATTTGTGACCCGGGCCTCACATCCTT
 TGAGCCAGAAGCCCTTGGTAACCTCGTGAAGGAATGGATTTCCATAAGTTTTACTTTGAGAATCTCCTG
 TCCAAGAACAGCAAGCCTATCCACACCACATCCTAAACCCTCAGTCCACGTGATTGGGAGGACGCAG
 CTTGCATCGCCTATATCCGGCTCACTCAGTACATCGACGGCAGGGTCCGGCTCGCACCAGTCACTCAGA
 GGAGACCCGGGTGTGGCACCGCCGGATGGCAAGTGGCTCAATGTCCACTATCACTGCTCAGGGGCCCT
 GCCGCACCGCTACAG

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207945 protein sequence
 Red=Cloning site Green=Tags(s)

MATTATCTRFDDYQLFEELGKGAFSVVRRCKKSTSTQEYAAKIINTKKLSARDHQKLEREARICRLKH
 PNIVRLHDSISEEGFHYLVFDLVTGGELFEDIVAREYYSEADASHCIHQILESVMNHIHQHDIVHRDLKPE
 NLLLASKCKGAAVKLADFLAIEVQGEQQAWFGAGTPGYLSPEVLRKDPYKPVDIWACGVILYILLVG
 YPPFWDEDQHKLYQQIKAGAYDFPSPEWDTVTPEAKNLINQMLTINPAKRITADQALKHPWVCQRSTVAS
 MMHRQETVECLRFNARRKLKGAILLTMLVSRNFSAAKSLLNKSDGGVKEPQTTVVHNAIDGKIGSTES
 CNTTTEDEDLKVRKQEI IKITEQLIEAINNGDFEAYTKICDPGLTSFEPEALGNLVEGMDFHKFYFENLL
 SKNSKPIHTTILNPHVHVI GEDAACIAYIRLTQYIDGQGRPRTSQSEETRWHRRDQKWLNVHYHCSGAP
 AAPLQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001039139

ORF Size:

1488 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_001039139.1</u>
RefSeq Size:	3624 bp
RefSeq ORF:	1488 bp
Locus ID:	12325
UniProt ID:	<u>Q923T9</u>
Cytogenetics:	14 A3
MW:	56 kDa