

## Product datasheet for **MR207650A1V**

### Mouse Camk1g (NM\_144817) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Camk1g (NM_144817) AAV Particle
Tag:	Myc-DDK
Symbol:	Camk1g
Synonyms:	CaMKIgamma; CLICK-III
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR207650 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGGGCGTAAGGAGGAGGAGGACTGCAGTTCTCTGGAAGAAACAGACCACCAACATCAGGAAAACCTTCA  
 TCTTCATGGAAGTGCTGGGATCAGGAGCTTCTCAGAGGTGTTCTGGTGAAGCAAAGAGTGACTGGGAA  
 ACTCTTTGCTCTGAAATGTATCAAGAAGTCACCAGCCTTCCGGGACAGCAGCCTAGAGAATGAGATCGCT  
 GTGTTGAAAAGGATCAAGCATGAGAACATTGTGACCCTGGAGGACATCTATGAGAGCACCACCCACTACT  
 ACCTGGTCATGCAGCTTGTCTGGAGGTGAGCTTTTTGACCGGATCCTAGAGCGTGGTGTCTACACAGA  
 AAAGGATGCCAGCCTGGTCATCCAGCAGGTCTGTCTGCGGTGAAATACCTTCATGAGAATGGCATCGTC  
 CACAGAGATCTAAAGCCTGAAAACCTGTGTACCTCACCCCTGAGGAGAACTCCAAGATCATGATCACTG  
 ACTTTGGTCTATCCAAGATGGAGCAGAATGGAGTCATGCCACAGCTTGTGGACCCAGGCTACGTGGC  
 TCCAGAAGTGCTGGCCAGAAGCCCTACAGTAAGGCTGTGGACTGCTGGTCCATTGGTGTATCACATAC  
 ATACTGCTGTGTGGCTATCCCCCTTCTATGAAGAAACAGAATCAAAGCTTTTTGAGAAGATCAAAGAGG  
 GTTACTACGAGTTTGAGTCTCCGTTCTGGGATGACATTTCTGAGTCAGCCAAGGATTTTTATTTGCCATCT  
 GCTGGAGAAGGACCCAAACGAACGGTACACCTGCGAGAAAGCCCTCAGACACCCCTGGATTGATGAAAAC  
 ACAGCCCTGCACCGGGACATCTATCCATCTGTCAGCCTCCAGATTCAGAAAGAACTTTGCCAAGAGCAAGT  
 GGAGGCAAGCCTTCAACGCAGCTGCGGTGGTGCATCACATGAGGAAATGCACATGAACCTGCACAGCCC  
 CAGTGTCCGCAAGAGGTGGAGAACAGGCCACCTGTGTCCCCTGCTCTGAAGTCTCCAGACCAGACTCC  
 CATGACAGCTCCATCACAGAGGCCCCATCCTGGACCAAGCACACCCCTTCTGCACTGACCCGACTAC  
 CCTGCTCACACAGCTCCCGCCCTCAGCTCCCAGTGGTGGCGCTCACTCAACTGCCTGGTCAACAGGCTC  
 CCTGCGCATCAGCAGTAGCCTAGTGCCCATGCAACAGGGCCCTAGCCACGGGGCCCTGTGGCTGTGC  
 TCCAGTGTCTAAATATTGGAACAAGGAAAGTCTTCTACTGCTCTGAGCCTACCCTTTCAGAAAGG  
 CCAATAAAAAACAGAACTTCAAGTCAGAGGTCATGGTACCAGTGAAGGCTGGTGGCAGCACCCACTGCC  
 GGGTGGCAGACTGGGTGTGTCTCGTTATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207650 protein sequence  
 Red=Cloning site Green=Tags(s)

MGRKEEEDCSSWKKQTTNIRKTFIFMEVLGSGAFSEVFLVKQRVTKLFLALKCIKKSPAFRDSSLENEIA  
 VLKRIKHENIVTLEDIYESTTHYYLVMQLVSGGELFDRILERGVYTEKDALVIQQVLSAVKYLHENGIV  
 HRDLKPENLLYLTPPEENSKIMITDFGLSKMEQNGVMSTACGTPGYVAPEVLAQKPYSAVDCWSIGVITY  
 ILLCGYPPFYEETESKLFEKIKEGYEFESPFWDDISESAKDFICHILLEKDPNERYTCEKALRHPWIDGN  
 TALHRDIYPSVSLQIQKNFAKSKWRQAFNAAA VVHHMRKLMNLSHSPSVRQEVENRPPVSPAPEVSRPDS  
 HDSSITEAPILDPTPLPALTRLPCSHSRPSAPSGGRSLNCLVNGSLRISSSLVPMQQGPLATGPCGCC  
 SSSLNIGNKKGSSYCSEPTLFRKANKKQNFKSEVMVPVKAGGSTHCRGGQTVCLVM

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_144817

**ORF Size:**

1434 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_144817.2</a></u> , <u><a href="#">NP_659066.1</a></u>
<b>RefSeq Size:</b>	2467 bp
<b>RefSeq ORF:</b>	1434 bp
<b>Locus ID:</b>	215303
<b>UniProt ID:</b>	<u><a href="#">Q91VB2</a></u>
<b>Cytogenetics:</b>	1 97.74 cM
<b>MW:</b>	53.3 kDa