

## Product datasheet for **MR207505A1V**

### Mouse Camk4 (NM\_009793) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Camk4 (NM_009793) AAV Particle
Tag:	Myc-DDK
Symbol:	Camk4
Synonyms:	A430110E23Rik; AI666733; CaMKIV; CaMKIV/Gr; D18Bwg0362e
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR207505 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTCAAAGTACGGTGCCTCCTGTCCCTCCTCGCCCTGCTCCTCGGTACCGCCAGTACTGAGAACC  
 TCGTCCCGGATTACTGGATCGACGGCTCTAACCAGATCCTCTGGCGATTTCTTCGAGGTGGAGTCAGA  
 GCTGGGACGGGTGCTACATCCATTGTGTACAGATGCAAACAGAAGGGGACCCAGAAGCCCTATGCTCTC  
 AAAGTGTAAAGAAAACAGTGGACAAGAAGATTGTGAGAACAGAAATAGGAGTTCTCCTGCGTCTCTCAC  
 ACCCGAACATCAAAAACCAAGGAAATATTCGAAACCCACAGAAATCAGCCTGGTCTTGAGCTGGT  
 CACAGGAGGAGAACTGTTTGACAGGATTGTGGAGAAGGGATACTACAGTGAGCGCGATGCGGCTGACGCG  
 GTGAAGCAGATCCTGGAGGCCGTTGCTTACCTGCATGAAAATGGGATTGCCATCGTGACCTCAAACCAG  
 AGAATCTTCTTTATGCAACTCCAGCCCCTGATGCACCCCTCAAATTTGCTGATTTTGACTTTCAAAAAT  
 TGTGGAACATCAAGTGCATGAAGACAGTGTGTGGAACCCCGGGTACTGCGCACCTGAGATTCTCCGA  
 GGCTGTGCCTACGGACCTGAGGTGGACATGTGGTCTGTAGGAATAATCACCTACATCCTACTTTGTGGAT  
 TTGAACCATTTCTATGACGAGCGAGGTGATCAGTTCATGTTTACAGGAGAATTCTGAATTGTGAATTA  
 TACTTATCTCCCCCTGGTGGGATGAAGTGTCTTTAAATGCCAAGGACTTGGTCAAAAAGCTCATTGTTTGGAT  
 CCCAAGAAACGGCTGACTACATTTCAAGCCCTCCAACACCCATGGGTACAGGTAAGCGGCCAACTTTG  
 TTCACATGGACTGCTCAGAAGAACTTCAAGAATTCATGCTCGGCGCAAGCTTAAGCGAGCGGTGAA  
 GGCTGTGGTGGCTCTTCTCGGCTGGGAAGTCCAGCAGTAGCCACACCGATCCAAGAGAACCACAAG  
 GCCAGCTCGGATCCACCTTCAACCAAGATGCCAAGGACAGCACAGATCTTCTGGGAAAGAAAATGCAAG  
 AGGAGGACCAAGAGGAGGACCAAGTGGAGGCCGAGGCTTACGCCGATGAGATGAGGAAGCTGCAGTCCGA  
 GGAGGTGGAGAAAGATGCAGGTGTAAGAGAGGAGGAGACCTCCAGTATGGTGCCTCAGGATCCAGAGGAT  
 GAGCTGGAACAGATGACCCAGAGATGAAGAGGGATTCAGAGGAGAAGCTGAAGAGTGTGGAGGAAGAAA  
 TGGACCCATGACTGAGGAGGAAGCCCCTGACGCGGGACTTGGGGTCCACAGCAGGATGCGATTACGCC  
 AGAGTAC

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207505 protein sequence  
 Red=Cloning site Green=Tags(s)

MLKVTVPSPSSPSSVTASTENLVPDYWIDGSNRDPLGDFFEVESELGRGATSIYYRCKQKGTQKPYAL  
 KVLKKTVDKKIVRTEIGVLLRLSHPNIIKLKEIFETPTEISLVLELVTGGELFDRIVEKGYYSERDAADA  
 VKQILEAVAYLHENGIVHRDLKPENLLYATPAPDAPLKIADFGLSKIVEHQVLMKTVCGTPGYCAPEILR  
 GCAYGPEVDMWSVGIITYILLCGFEPFYDERGDQFMFRRILNCEYYFISPWVDEVSLNAKDLVKKLIVLD  
 PKKRLTTFQALQHPWVTGKAANFVHMDTAQKKLQEFNARRKLLKAAVKAVVASSRLLGSASSHTSIQENHK  
 ASSDPPSTQDAKDSTDLLGKKMQEEDQVEAEASADEMRKLQSEEEVKDAGVKEEETSSMVPQDPED  
 ELETDDPEMKRDSEELKLSVEEEMDPMTEEEAPDAGLGPVQDAIQPEY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_009793

**ORF Size:**

1410 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>NM_009793.1</u>
<b>RefSeq Size:</b>	12331 bp
<b>RefSeq ORF:</b>	1410 bp
<b>Locus ID:</b>	12326
<b>Cytogenetics:</b>	18 18.15 cM
<b>MW:</b>	52.5 kDa