

## Product datasheet for **RC206813A1V**

### Human CAMKIV (CAMK4) (NM\_001744) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human CAMKIV (CAMK4) (NM_001744) AAV Particle
Tag:	Myc-DDK
Symbol:	CAMKIV
Synonyms:	caMK; CaMK-GR; CaMK IV; CaMKIV
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC206813 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTCAAAGTACGGTGCCTCCTGCTCCGCCTCGTCTTTCGGTACCAGCCAGTCCGGCCCGG  
 GGACCGGAGCCTCGTCCGGATTACTGGATCGACGGCTCCAACAGGGATGCGCTGAGCGATTTCTCGA  
 GGTGGAGTCGGAGCTGGGACGGGGTGTACATCCATTGTGTACAGATGCAAACAGAAGGGGACCCAGAAG  
 CCTTATGCTCTCAAAGTGTAAAGAAAACAGTGGACAAAAAATCGTAAGAACTGAGATAGGAGTTCTTC  
 TTCGCCTCTCACATCCAAACATTATAAACTTAAAGAGATATTTGAAACCCCTACAGAAATCAGTCTGGT  
 CCTAGAACTCGTCACAGGAGGAGAACTGTTTATAGGATTGTGGAAAAGGGATATTACAGTGAGCGAGAT  
 GCTGCAGATGCCGTTAAACAAATCCTGGAGGCAGTTGCTTATCTACATGAAAATGGGATTGTCCATCGT  
 ATCTCAAACCAGAGAATCTTCTTATGCAACTCCAGCCCAGATGCACCACTCAAATCGCTGATTTTGG  
 ACTCTCTAAAATTGTGGAACATCAAGTCTCATGAAGACAGTATGTGGAACCCAGGGTACTGCGCACCT  
 GAAATCTTAGAGTTGTGCCTATGGACCTGAGGTGGACATGTGGTCTGTAGGAATAACACCTACATCT  
 TACTTTGTGGATTTGAACCATTCTATGATGAAAGAGGGCATCAGTTCATGTTCCAGGAAATTCTGAATTG  
 TGAATATTACTTTATCTCCCCTGGTGGGATGAAGTATCTCTAAATGCCAAGGACTTGGTCAGAAAATTA  
 ATTGTTTTGGATCCAAAGAAACGGCTGACTACATTTCAAGCTCTCCAGCATCCGTGGGTACAGGTAAAG  
 CAGCAATTTGTACACATGGATACCGCTCAAAGAAGCTCCAAGAATCAATGCCCGCGCTAAGCTTAA  
 GGCAGCGGTGAAGGCTGTGGTGGCTCTTCCGCCTGGGAAGTCCAGCAGCAGCCATGGCAGCATCCAG  
 GAGAGCCACAAGGCTAGCCGAGACCTTCTCCAATCCAAGATGGCAACGAGGACATGAAAGCTATCCAG  
 AAGGAGAGAAAAATTAAGGCGATGGGGCCCAAGCCGAGTTAAGGGGGCACAGGCTGAGCTGATGAAGT  
 GCAAGCCTTAGAGAAAGTTAAAGGTGCAGATATAAATGCTGAAGAGGCCCCCAAATGGTGCCCAAGGCA  
 GTGGAGGATGGGATAAAGGTGGCTGACCTGGAAGTGAAGGAGGGCCTAGCAGAGGAGAAGCTGAAGACTG  
 TGGAGGAGGCAGCAGCTCCAGAGAAGGGCAAGGAAGCTCTGCTGTGGTTTTGAAGTCCACAGCAAGA  
 TGTGATCCTGCCAGAGTAC

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC206813 protein sequence  
 Red=Cloning site Green=Tags(s)

MLKVTVPSCSASSSSVTASAAPGTASLVPDYWIDGSNRDALSDFFEVESELGRGATSIYVRCKQKGTQK  
 PYALKVLKKTVDKKIVRTEIGVLLRLSHPNIIKLKEIFETPTEISLVLELVTGGELFDRIVEKGYYSERD  
 AADAVKQILEAVAYLHENGIVHRDLKPENLLYATPAPDAPLKIADFGLSKIVEHQVLMKTVCGTPGYCAP  
 EILRGCAYGPEVDMWSVGIITYILLCGFEPFYDERGDQFMFRILNCEYFISPWWDEVSLNAKDLVRKL  
 IVLDPKKRLTTFQALQHPWVTGKAANFVHMMDTAQKKLQEFNARRKLLAAVKAVVASSRLLGSASSSHGSIQ  
 ESHKASRDPSPIQDGNEDMKAIPEGEKIQGDGAQAAVKGAQAEMLMKVQALEKVKGADINAEAPKMPKPA  
 VEDGIKVADLELEEGLAEKLTVEEAAAPREGQSSAVGFEVQDQDILPEY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001744

**ORF Size:**

1419 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_001744.3</a></u>
<b>RefSeq Size:</b>	2272 bp
<b>RefSeq ORF:</b>	1422 bp
<b>Locus ID:</b>	814
<b>UniProt ID:</b>	<u><a href="#">Q16566</a></u>
<b>Cytogenetics:</b>	5q22.1
<b>MW:</b>	51.9 kDa