

Product datasheet for **RC202441A1V**

Human CAMKV (NM_024046) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CAMKV (NM_024046) AAV Particle
Tag:	Myc-DDK
Symbol:	CAMKV
Synonyms:	1G5; VACAMKL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC202441 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGTTTGGGTGTGTGACTCTGGGCGACAAGAAGAACTATAACCAGCCATCGGAGGTGACTGACAGAT
 ATGATTTGGGACAGGTCATCAAGACTGAGGAGTTTGTGAAATCTTCCGGGCCAAGGACAAGACGACAGG
 CAAGCTGCACACCTGCAAGAAGTTCCAGAAGCGGGACGGCCGCAAGGTGCGGAAAAGCTGCCAAGAACGAG
 ATAGGCATCCTCAAGATGGTGAAGCATCCCAACATCCTACAGCTGGTGGATGTGTTTGTGACCCGCAAGG
 AGTACTTTATCTTCTGGAGCTGGCCACGGGGAGGAGGTGTTTACTGGATCCTGGACAGGGCTACTA
 CTCGGAGCGAGACACAAGCAACGTGGTACGGCAAGTCTGGAGGCCGTGGCTATTTGCACTCACTCAAG
 ATCGTGACAGGAATCTCAAGCTGGAGAACCTGGTTTACTACAACCGGCTGAAGAACTCGAAGATTGTCA
 TCAGTGACTTCCATCTGGCTAAGCTAGAAAATGGCCTCATCAAGGAGCCCTGTGGACCCCCGAGTATCT
 GGCCCCAGAGGTGGTAGGCCGCGAGCGGTATGGACGCCCTGTGGACTGCTGGGCCATTGGAGTCATCATG
 TACATCCTGCTTTCAGGCAATCCACCTTCTATGAGGAGGTGGAAGAAGATGATTATGAGAACCATGATA
 AGAATCTCTTCCGAAGATCCTGGCTGGTGAATGAGTTTACTCTCCATATTGGGATGATTTTCGCA
 GGCAGCCAAAGACCTGGTCACAAGGCTGATGGAGTGGAGCAAGACCAGCGGATCACTGCAGAAGAGGCC
 ATCTCCCATGAGTGGATTTCTGGCAATGCTGCTTCTGATAAGAACATCAAGGATGGTGTCTGTGCCCAGA
 TTGAAAAGAACTTTGCCAGGGCCAAGTGAAGAAGGCTGTCCGAGTGACCACCCTCATGAACCGGCTCCG
 GGCACACAGCAGTCCAGCAGGCTGCAGCCAGTCCGCTCAGCCACAGACACTGCCACCCCGGGGCT
 GCAGGTGGGGCCACAGCTGCAGCTGCGAGTGGAGTACCTCAGCCCCTGAGGGTGATGCTGCTCGTGCTG
 CAAAGAGTGATAATGTGGCCCCGCAGACCGTAGTGCCACCCACGCCACAGATGGAAGTGCCACCCACGC
 CACTGATGGCAGTGTACCCCCAGCCACCGATGGAAGCATCACTCCAGCCACTGATGGGAGTGTACCCCCA
 GCCACTGACAGGAGCGCTACTCCAGCCACTGATGGGAGAGCCACACCAGCCACAGAAGAGAGCACTGTGC
 CCACCACCCAAAGCAGTGCCATGCTGGCCACCAAGGCAGCTGCCACCCCTGAGCCGGCTATGGCCAGCC
 GGACAGCACAGCCCCAGAGGGGCCACAGGCCAGGCTCCACCCTCTAGTAAAGGGGAAGAGGCTGCTGGT
 TATGCCAGGAGTCTCAAAGGGAGGAGGCCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202441 protein sequence
 Red=Cloning site Green=Tags(s)

MPFGCVTLGDKKNYNQPSVETDRYDLGQVIKTEEFCEIFRAKDKTGKLHTCKKFQKRDGRKVRKAAKNE
 IGILKMKHPNQLVDFVTRKEYFIFLELATGREVFDWILDQGYYSERDTSNVVRQVLEAVAYLHSLK
 IVHRNLKLENLVYNNRLKNSKIVISDFHLAKLENGLIKEPCGTPEYLAPEVVGRQRYGRPVDCWAIGVIM
 YILLSGNPPFYEEVEEDDYENHDKNLFRKILAGDYEFDSFYWDDISQAADLVTRLMEVEQDQRITAEAA
 ISHEWISGNAASDKNIKDGVCAQIEKNFARAKWKAQVVTTLMKRLRAPEQSSTAAQASATDTATPGA
 AGGATAAAASGATSAPEGDAARAASDNVAPADRSATPATDGSATPATDGSVTPATDGSITPATDGSVTP
 ATDRSATPATDGRATPATEESTVPTTQSSAMLATKAAATPEPAMAQPDSTAPEGATGQAPPSSKGEAAAG
 YAQESQREEAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024046

ORF Size:

1503 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_024046.2</u>
RefSeq Size:	3028 bp
RefSeq ORF:	1506 bp
Locus ID:	79012
UniProt ID:	<u>Q8NCB2</u>
Cytogenetics:	3p21.31
MW:	54.4 kDa