

Product datasheet for **RC218464A1V**

Human CaMKI (CAMK1) (NM_003656) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CaMKI (CAMK1) (NM_003656) AAV Particle
Tag:	Myc-DDK
Symbol:	CaMKI
Synonyms:	CAMK1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC218464 representing NM_003656 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTGGGGCAGTGGAAGGCCCCAGGTGGAAGCAGGCGGAGGACATTAGAGACATCTACGACTTCCGAG
ATGTTCTGGGCACGGGGCCCTTCTCGGAGGTGATCCTGGCAGAAGATAAGAGGACGCAGAAGCTGGTGGC
CATCAATGCATTGCCAAGGAGGCCCTGGAGGGCAAGGAAGGCAGCATGGAGAATGAGATTGCTGTCTCTG
CACAAGATCAAGCACCCCAACATTGTAGCCCTGGATGACATCTATGAGAGTGGGGCCACCTCTACCTCA
TCATGCAGCTGGTGTGGGTGGGAGCTCTTTGACCGTATTGTGGAAGGCTTCTACACGGAGCGGGA
CGCCAGCGCCTCATCTCCAGGTGCTGGATGCTGTGAAATACCTGCATGACCTGGGCATTGTACACCGG
GATCTCAAGCCAGAGAATCTGCTGTACTACAGCCTGGATGAAGACTCCAAATCATGATCTCCGACTTTG
GCCTCTCAAGATGGAGGACCCGGGAGTGTGCTCTCCACCGCTGTGGAATCCGGGATACGTGGCCCC
TGAAGTCTGGCCAGAGCCCTACAGCAAGGCTGTGGATTGCTGGTCCATAGGTGTATCGCCTACATC
TTGCTCTGCGTTACCTCCCTTCTATGACGAGAATGATGCCAACTCTTTGAACAGATTTGAAGGCCG
AGTACGAGTTTGACTCTCTTACTGGGACGACATCTGACTCTGCCAAGATTTATCCGGCACTTGAT
GGAGAAGGACCCAGAGAAAAGATTACCTGTGAGCAGGCTTGCAGCACCATGGATTGCAGGAGATACA
GCTCTAGATAAGAATATCCACCAAGTGGTGAGTGAGCAGATCAAGAAGAACTTTGCCAAGAGCAAGTGGA
AGCAAGCCTTCAATGCCACGGCTGTGGTGCGGCACATGAGGAACTGCAGCTGGGCACCGCAGGAGGG
GCAGGGGCAGACGGCGAGCCATGGGAGCTGCTGACACCAAGTGGCTGGGGGGCCGGCAGCTGGCTGTTGC
TGTCGAGACTGCTGCTGGAGCCGGGCACAGAAGTGTCCCCACACTGCCCCACCAAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC218464 representing NM_003656 Red=Cloning site Green=Tags(s) MLGAVEGPRWKQAEDIRDIYDFRDVLGTGAFSEVILAEDKRTQKLVAIKCIAKEALEGKEGSMENEIAVL HKIKHPNIVALDDIYESGGHLYLIMQLVSGGELFDRIVEKGFYTERDASRLIFQVLDAVKYLHDLGIVHR DLKPENLLYYSLDEDSKIMISDFGLSKMEDPGSVLSTACGTPGYVAPEVLAQKPYSKAVDCWSIGVIAYI LLCGYPPFYDENDAKLFEQILKAEYEFDSFYWDDISDSAKDFIRHLMKDPKRFTEQALQHPWIAGDT ALDKNIHQSVSEQIKKNFAKSKWKQAFNATAVVRHMRKLQLGTSQEGGQTASHGELLTPVAGGPAAGCC CRDCCVEPGTELSPTLPHQL* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003656
ORF Size:	1110 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:	NM_003656.3
RefSeq Size:	1501 bp
RefSeq ORF:	1113 bp
Locus ID:	8536
UniProt ID:	Q14012
Cytogenetics:	3p25.3
MW:	41.2 kDa