

Product datasheet for **RC217129A1V**

Human CAMK1D (NM_020397) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CAMK1D (NM_020397) AAV Particle
Tag:	Myc-DDK
Symbol:	CAMK1D
Synonyms:	CaM-K1; CaMKID; CKLiK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217129 representing NM_020397 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCCGGGAGAACGGCGAGAGCAGCTCCTCCTGAAAAAGCAAGCTGAAGACATCAAGAAGATCTTCG
AGTTCAAAGAGACCCTCGGAACCGGGGCTTTTCCGAAGTGGTTTAGCTGAAGAGAAGGCAACTGGCAA
GCTCTTTGCTGTGAAGTGATCCCTAAGAAGCGCTGAAGGGCAAGGAAAGCAGCATAGAGAATGAGATA
GCCGTCCTGAGAAAGATTAAGCATGAAAATATTGTTGCCCTGGAAGACATTTATGAAAGCCAAATCACC
TGTAATTGGTCATGCAGCTGGTGTCCGGTGGAGAGCTGTTTGACCGGATAGTGGAGAAGGGTTTTATAC
AGAGAAGGATGCCAGCACTCTGATCCGCCAAGTCTTGGACGCCGTGTACTATCTCCACAGAATGGGCATC
GTCCACAGAGACCTCAAGCCCGAAAATCTCTTGTACTACAGTCAAGATGAGGAGTCCAAAATAATGATCA
GTGACTTTGGATTGTCAAAAATGGAGGGCAAAGGAGATGTGATGTCCACTGCCTGTGGAATCCAGGCTA
TGTCGCTCCTGAAGTCTCGCCAGAAACCTTACAGCAAAGCCGTTGACTGCTGGTCCATCGGAGTGATT
GCCTACATCTTGCTCTGCGGCTACCCTCCTTTTATGATGAAAATGACTCCAAGCTCTTGAGCAGATCC
TCAAGGCGGAATATGAGTTTGACTCTCCCTACTGGGATGACATCTCCGACTCTGCAAAAGACTTCATTG
GAACCTGATGGAGAAGGACCCGAATAAAAGATACAGTGTGAGCAGGCAGCTCGGCACCCATGGATCGCT
GGTGACACAGCCCTCAACAAAAACATCCACGAGTCCGTCAGCGCCAGATCCGGAAAAAATTTGCCAAGA
GCAAAATGGAGACAAGCATTTAATGCCACGGCCGTGTCAGACATATGAGAAAACTACACCTCGGCAGCAG
CCTGGACAGTTCAAAATGCAAGTGTTTCGAGCAGCCTCAGTTTGCCAGCCAAAAAGACTGTGCGTATGTA
GCAAAACCAGAATCCCTCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC217129 representing NM_020397 Red=Cloning site Green=Tags(s) MARENGESSSSWKKQAEDIKKIFEFKETLGTGAFSEVVLAEKATGKLFVKKCIPKKALKGKESSIENEI AVLRKIKHENIVALEDIYESPNHLYLVMQLVSGGELFDRIVEKGFYTEKDASTLIRQVLDAVYYLHRMGI VHRDLKPENLLYYSQDEESKIMISDFGLSKMEGKGDVMSTACGTPGYVAPEVLAQKPYSKAVDCWSIGVI AYILLCGYPPFYDENDSKLFEQILKAEYEFDSFYWDDISDSAKDFIRNLMKDPNPKRYTCEQAARHPWIA GDTALNKNIHESVSAQIRKNFAKSKWRQAFNATAVVRHMRKLHLGSSLDSSNASVSSSLASQKDCAYV AKPESLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_020397
ORF Size:	1071 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_020397.2
RefSeq Size:	1727 bp
RefSeq ORF:	1074 bp
Locus ID:	57118
UniProt ID:	Q8IU85
Cytogenetics:	10p13
MW:	40 kDa