

Product datasheet for **RC222692A1V**

Human CAMKK2 (NM_006549) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CAMKK2 (NM_006549) AAV Particle
Tag:	Myc-DDK
Symbol:	CAMKK2
Synonyms:	CAMKK; CAMKKB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222692 representing NM_006549
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTCATCATGTGTCTCTAGCCAGCCCAGCAGCAACCGGGCCGCCCCCAGGATGAGCTGGGGGCGAGG
 GCAGCAGCAGCAGCGAAAGCCAGAAGCCCTGTGAGGCCCTGCGGGGCTCTCATCCTTGAGCATCCACCT
 GGGCATGGAGTCTTCATTGTGGTCACCGAGTGTGAGCCGGGCTGTGCTGTGGACCTCGGCTTGCGCGG
 GACCGGCCCTGGAGGCCGATGGCCAAGAGGTCCCCCTTGACACCTCCGGGTCCAGGCCGCGCCCCACC
 TCTCCGGTCGCAAGCTGTCTCTGCAAGAGCGGTCCCAGGGTGGGCTGGCAGCCGGTGGCAGCCTGGACAT
 GAACGGACGCTGCATCTGCCGTCCTGCCCTACTCACCCGTGAGTCCCGCAGTCTCGCCTCGGCTG
 CCGCGCGGCCGACAGTGGAGTCTCACACGTCTCCATCACGGGTATGCAGGACTGTGTGACGTGAATC
 AGTATACCTGAAGGATGAAATTGAAAGGGCTCTATGGTGTCTCAAGTTGGCTACAATGAAATGA
 CAATACCTACTATGCAATGAAGGTGCTGCCAAAAGAAGCTGATCCGGCAGGCCGGCTTCCACGTCGC
 CCTCCACCCCGAGGCACCCGGCCAGCTCCTGGAGGCTGCATCCAGCCAGGGGCCCATTTGAGCAGGTGT
 ACCAGGAAATTGCCATCCTCAAGAAGCTGGACCACCCCAATGTGGTGAAGCTGGTGGAGGTCTGGATGA
 CCCCAATGAGGACCATCTGTACATGGTGTTCGAACTGGTCAACCAAGGGCCCGTATGGAAGTGCCACC
 CTCAAACCACTCTCTGAAGACCAGGCCGTTTCTACTTCCAGGATCTGATCAAAGGCATCGAGTACTTAC
 ACTACCAGAAGATCATCCACCGTGACATCAAACCTTCCAACTCCTGGTCGGAGAAGATGGGCACATCAA
 GATCGTGACTTTGGTGTGAGCAATGAATTCAGGGCAGTGACGCGCTCCTCTCCAACACCGTGGGCACG
 CCCGCCCTCATGGCACCCGAGTCGCTCTCTGAGACCCGAAGATCTTCTCTGGGAAGGCCTTGGATGTTT
 GGGCCATGGGTGTGACACTATACTGCTTTGTCTTTGGCCAGTGCCCATTCATGGACGAGCGGATCATGTG
 TTTACACAGTAAGATCAAGAGTCAGGCCCTGGAATTTCCAGACCAGCCGACATAGCTGAGGACTTGAAG
 GACCTGATCACCCGTATGCTGGACAAGAACCCGAGTCGAGGATCGTGGTGCCGGAATCAAGCTGCACC
 CCTGGGTACGAGGCATGGGGCGGAGCCGTTGCCGTGGAGGATGAGAACTGCACGCTGGTGAAGTGAC
 TGAAGAGGAGGTGAGAACTCAGTCAAACACATTCAGCTTGGCAACCGTATCCTGGTGAAGACCATG
 ATACGTAACGCTCCTTTGGGAACCCATTGAGGGCAGCCGGCGGGAGGAACGCTCACTGTACGCGCTG
 GAACTTGCTACCAAAAAACCAACAGGGAATGTGAGTCCCTGTCTGAGCTCAAGGAAGCAAGGCAGCG
 AAGACAACCTCCAGGCACCGACCCGCCCGCCGTTGGGGAGGAGGAAGTGTCTTGTGAGAGGCAGTCCC
 TGGTGGAAAGTTGCTGGGCCCCCGCCCGGCTCCCCGCACGCATGCATCCACTGCGCCGGAGGAGG
 CCATGGAGCCGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSSCVSSQPSSNRAAPQDELGGRGSSSESQKPCEALRGLSSLIHLMESFIVVTECEPGCAVDLGLAR
 DRPLEADGQEVPLDTSGSQARPHLSGRKLSLQERSQGGLAAGGSLDMNGRCICPSLPYSVPSSPQSSPRL
 PRRPTVESHVITGMQDCVQLNQYTLKDEIGKSYGVVKLAYNENDNTYYAMKVLKKKLIRQAGFPRR
 PPRGTRPAPGGCIQPRGPIEQVYQEIILKKLDHPNVVKLVEVLDDPNEDHLYMVFELVNQGPVMEVPT
 LKPLSEDQARFYFDLIKIEYLHYQKIIHRDIKPSNLLVGEDGHIKIADFGVSNEFKGSDALLSNTVGT
 PAFMAPESLSETRKIFSGKALDVWAMGVTLYCFVFGQCPFMDERIMCLHSKIKSQALEFPDQPDIAEDLK
 DLITRMLDKNPESRIVPEIKLHPWVTRHGAELPSEDENCTLVEVTEEEVENSVKHIPSATVILVKTM
 IRKRSFGNPFEGSRREERSLSAPGNLLTKKPTRECELSSELKEARQRRQPPGHRPAPRGGGGSALVRGSP
 CVESCWAPAPGSPARMHPLRPEEAMEPE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_006549
ORF Size:	1764 bp
Buffer:	PBS with 0.001% Pluronic F8549
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_006549.3, NP_006540.3</u>
RefSeq Size:	5620 bp
RefSeq ORF:	1767 bp
Locus ID:	10645
UniProt ID:	<u>Q96RR4</u>
Cytogenetics:	12q24.31
MW:	64.6 kDa