

Product datasheet for **RC219152A1V**

Human CAMKK2 (NM_153499) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CAMKK2 (NM_153499) 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:

>RC219152 representing NM_153499
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTCATCATGTGTCTCTAGCCAGCCAGCAGCAACCGGGCCGCCCCAGGATGAGCTGGGGGCGAGG
 GCAGCAGCAGCAGCGAAAGCCAGAAGCCCTGTGAGGCCCTGCGGGGCTCTCATCTTGAGCATCCACCT
 GGGCATGGAGTCTTCATTGTGGTCACCGAGTGTGAGCCGGGTGTGCTGTGGACCTCGGCTTGGCGCG
 GACCGGCCCTGGAGGCCGATGGCAAGAGGTCCCCCTTGACTCTCCGGGTCCAGGCCGCGCCCCACC
 TCTCCGGTCGCAAGCTGTCTCTGCAAGAGCGGTCCAGGGTGGGTGGCAGCCGGTGGCAGCCTGGACAT
 GAACGGACGCTGCATCTGCCGTCCTGCCCTACTCACCCGTAGCTCCCGCAGTCTCGCCTCGGCTG
 CCGCGGCGGCCGACAGTGGAGTCTCACACGTCTCCATCACGGGTATGCAGGACTGTGTGACGTGAATC
 AGTATACCTGAAGGATGAAATTGGAAGGGCTCTATGGTGTCTCAAGTTGGCTACAATGAAATGA
 CAATACCTACTATGCAATGAAGGTGCTGTCAAAAAGAAGCTGATCCGGCAGGCCGGCTTCCACGTCGC
 CCTCCACCCCGAGGCACCCGGCCAGCTCCTGGAGGCTGCATCCAGCCAGGGGCCCCATTGAGCAGGTGT
 ACCAGGAAATTGCCATCCTCAAGAAGCTGGACCACCCCAATGTGGTGAAGCTGGTGGAGGTCTGGATGA
 CCCCAATGAGGACCATCTGTACATGGTGTTCGAAGTGGTCAACCAAGGGCCCGTATGGAAGTGGCCACC
 CTCAAACCACTCTCTGAAGACCAGGCCGTTTCTACTTCCAGGATCTGATCAAAGGCATCGAGTACTTAC
 ACTACCAGAAGATCATCCACCGTGACATCAAACCTTCAACCTCCTGGTCGGAGAAGATGGGCACATCAA
 GATCGTGACTTTGGTGTGAGCAATGAATTCAGGGCAGTGACGCGCTCCTCTCCAACACCGTGGGCACG
 CCCGCCCTCATGGCACCCGAGTCGCTCTCTGAGACCCGAAGATCTTCTCTGGGAAGGCCTTGGATGTTT
 GGGCCATGGGTGTGACACTATACTGCTTTGTCTTTGGCCAGTGCCATTATGGACGAGCGGATCATGTG
 TTTACACAGTAAGATCAAGAGTCAGGCCCTGGAATTTCCAGACCAGCCGACATAGCTGAGGACTTGAAG
 GACCTGATCACCCGTATGCTGGACAAGAACCCGAGTCGAGGATCGTGGTGGCGAAATCAAGCTGCACC
 CCTGGGTACGAGGCATGGGGCGGAGCCGTTGCCGTGGAGGATGAGAACTGCACGCTGGTGAAGTGAC
 TGAAGAGGAGGTGAGAACTCAGTCAAACACATTCAGCTTGGCAACCGTGATCCTGGTGAAGACCATG
 ATACGTAACGCTCCTTTGGGAACCCATTGAGGGCAGCCGGCGGGAGGAACGCTCACTGTCAGCGCCTG
 GAACTTGCTCACGAAGCAAGGCAGCGAAGACAACCTCCAGGGCACCGACCCGCCCCCGTGGGGGAGGA
 GGAAGTGCTCTTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSSCVSSQPSSNRAAPQDELGGRGSSSSSESQKPCEALRGLSSLIHLMESFIVVTECEPGCAVDLGLAR
 DRPLEADGQEVPLDSSGSQARPHLSGRKLSLQERSQGLAAGGSLDMNGRCICPSLPYSPVSSPQSSPRL
 PRRPTVESHVSIITGMQDCVQLNQYTLKDEIGKSYGVVKLAYNENDNTYYAMKVLSSKKLIRQAGFP
 PPRGRTRPAPGGCIQPRGPIEQVYQEIAILKKLDHPNVVKLVEVLDDPNEDHLYMVFELVNQGPVMEVPT
 LKPLSEDAQRYFYQDLIKGIEYLHYQKIIHRDIKPSNLLVGEDGHKIIADFGVSNFEGSDALLSNTVGT
 PAFMAPESLSETRKIFSGKALDVWAMGVTLYCFVFGQCPFMDERIMCLHSKIKSQALEFPDQPDIAEDLK
 DLITRMLDKNPESRIVVPEIKLHPWVTRHGAELPSEDENCTLVEVTEEEVENSVKHIPSATVILVKTM
 IRKRSFGNPFEGSRREERSLSAPGNLLTKQGSNDLQGTDPVPGVEEVLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_153499

ORF Size:	1623 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_153499.2</u>
RefSeq Size:	5577 bp
RefSeq ORF:	1626 bp
Locus ID:	10645
UniProt ID:	<u>Q96RR4</u>
Cytogenetics:	12q24.31
MW:	59.6 kDa