

Product datasheet for **RC204796A1V**

Human Calmodulin (CALM2) (NM_001743) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Calmodulin (CALM2) (NM_001743) AAV Particle
Tag: Myc-DDK
Symbol: Calmodulin
Synonyms: CALM; CALML2; caM; CAM1; CAM3; CAMC; CAMII; CAMIII; LQT15; PHKD; PHKD2
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC204796 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGACCAACTGACTGAAGAGCAGATTGCAGAATTCAAAGAAGCTTTTTCACTATTTGACAAAGATG
 GTGATGGAACATAACAACAAAGGAATTGGGAAGTGAATGAGATCTCTTGGGCAGAATCCCACAGAAGC
 AGAGTTACAGGACATGATTAATGAAGTAGATGCTGATGGTAATGGCACAATTGACTTCCCTGAATTTCTG
 ACAATGATGGCAAGAAAAATGAAAGACACAGACAGTGAAGAAGAAATTAGAGAAGCATTCCGTGTGTTTG
 ATAAGGATGGCAATGGCTATATTAGTGCTGCAGAAGTTCGCCATGTGATGACAAACCTTGGAGAGAAGTT
 AACAGATGAAGAAGTTGATGAAATGATCAGGGAAGCAGATATTGATGGTATGGTCAAGTAAACTATGAA
 GAGTTTGTACAAATGATGACAGCAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC204796 protein sequence
 Red=Cloning site Green=Tags(s)

MADQLTEEQIAEFKEAFSLFDKGDGDTITTKELGTVMRSLGQNPTEAELQDMINEVDADGNGTIDFPEFL
 TMMARKMKDTSDEEEIREFRVFDKDGNGYISAAELRHVMTNLGEKLTDEEVDEMIREADIDGGQVNYE
 EFVQMMTAK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2



ACCN:	NM_001743
ORF Size:	447 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_001743.3</u>
RefSeq Size:	1309 bp
RefSeq ORF:	450 bp
Locus ID:	805
UniProt ID:	<u>P62158</u>
Cytogenetics:	2p21
MW:	16.8 kDa