

Product datasheet for **RC204810A1V**

Human CA12 (NM_001218) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CA12 (NM_001218) AAV Particle
Tag:	Myc-DDK
Symbol:	CA12
Synonyms:	CA-XII; CAXII; HsT18816; T18816
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204810 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCCGGCGCAGCCTGCACGCGCGGCCGCTGCTCCTGCTGGTGATCTTAAAGGAACAGCCTTCCAGCC
CGGCCCCAGTGAACGGTTCCAAGTGGACTTATTTTGGTCCTGATGGGGAGAATAGCTGGTCCAAGAAGTA
CCCGTCGTGTGGGGCCCTGCTGCAGTCCCCATAGACCTGCACAGTGACATCCTCCAGTATGACGCCAGC
CTCACGCCCCCTCGAGTTCCAAGGCTACAATCTGTCTGCCAACAAGCAGTTTCTCCTGACCAACAATGGCC
ATTCAGTGAAGCTGAACCTGCCCTCGGACATGCACATCCAGGGCCTCCAGTCTCGCTACAGTGCCACGCA
GCTGCACCTGCACTGGGGGAACCCGAATGACCCGCACGGCTCTGAGCACACCGTCAGCGGACAGCACTTC
GCCGCCGAGCTGCACATTGTCCATTATAACTCAGACCTTTATCCTGACGCCAGCACTGCCAGCAACAAGT
CAGAAGGCCTCGCTGTCTGGCTGTTCTCATTGAGATGGGCTCCTTCAATCCGTCCTATGACAAGATCTT
CAGTCACCTTCAACATGTAAAGTACAAAGGCCAGGAAGCATTTCGTCGGGATTCAACATTGAAGAGCTG
CTTCGGGAGAGGACCGCTGAATATTACCGCTACCGGGGTCCCTGACCACACCCCTTGAACCCCACTG
TGCTCTGGACAGTTTTCCGAAACCCGTGCAAATTTCCAGGAGCAGCTGCTGGCTTTGGAGACAGCCCT
GTACTGCACACATGGACGACCCTTCCCCAGAGAAATGATCAACAATTCGGCAGGTCCAGAAGTTC
GATGAGAGGCTGGTATACACCTCCTTCTCCAAGTGCAAGTCTGTACTCGGCAGGACTGAGTCTGGGCA
TCATCCTCTCACTGGCCCTGGCTGGCATTCTTGGCATCTGTATTGTGGTGGTGTCCATTTGGCTTTT
CAGAAGGAAGGTATCAAAAAGGTGATAACAAGGGAGTCATTACAAGCCAGCCACCAAGATGGAGACT
GAGGCCACGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204810 protein sequence Red=Cloning site Green=Tags(s) MPRRSLHAAVLLLVLKEQPSSPAPVNGSKWTFGPDGENSWSKYPSCGGLLQSPIDLHSDILQYDAS LTPLEFQGYNL SANKQFLL TNNGHSVKLNLP SDMHIQGLQSRYSATQLHLHWGNPNDPHGSEHTVSGQHF AAELHIVHYNSDLYPDASTASNKSEGLAVLAVLIEMGSFNPSYDKIFSHLQHVYKYGQEA FVPGFNIEEL LPERTA EYYRYRGSLTTPPCNPTVLWTVFRNPVQISQEQLLALETALYCTHMDDPSPREMINNFRQVQKF DERLVYTSFSQVQVCTAAGLSLGIILSLALAGILGICIVVVVSIWLFRRKSIKKGDNKGVIYK PATKMET EAHA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001218
ORF Size:	1062 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_001218.3
RefSeq Size:	4209 bp
RefSeq ORF:	1065 bp
Locus ID:	771
UniProt ID:	O43570
Cytogenetics:	15q22.2
MW:	39.5 kDa