

## Product datasheet for **RC207209A1V**

### Human Choline kinase alpha (CHKA) (NM\_212469) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Choline kinase alpha (CHKA) (NM_212469) AAV Particle
Tag:	Myc-DDK
Symbol:	Choline kinase alpha
Synonyms:	CHK; CK; CKI; EK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207209 representing NM_212469 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAAACCAAATTTCTGCACCGGGGCGAGGCGGAGCCCTCGCCGCTCGGGTCTGCTGAGCTGCGGTA  
GCGGCAGCGCGGCCCGCGCCCGCGTGGGGCAGCAGCGCAGCCGCCAGCGACCTCGAGTCCAAGCA  
GCTGGGCGGCCAACAGCCGCGCTCGCGCTGCCCTCCGCCCGCGTCCGCTGCCGCTGCCGCTGCCG  
CAGCCCCCGCCGCGCAGCCGCCCGCAGACGAGCAGCCGGAGCCCGGACGCGGCGCAGGGCCTATCTGT  
GGTGCAAGGAGTTCCTGCCCGGGCCTGGCGGGCCCTCCGCGAGGACGAGTTCACATCAGTGTCAATCAG  
AGGCGGCCTTAGCAACATGCTGTTCCAGTGCTCCCTACCTGACACCACAGCCACCCTTGGTGATGAGCCT  
CGGAAAGTGCTCCTGCGGCTGTATGGAGCGATTTTGCAGTGCGGGCTGAGGCCATGGTTCTGGAGAGCG  
TTATGTTTGCATTCTCGCAGAGAGGTCACCTGGGCCAAAACCTATGGCATCTTTCCCAAGGCCGACT  
GGAGCAGTTCATCCCGAGCCGCGGATTAGATACTGAAGAATTAGGTTTGCAGATATTTCTGCAGAAATC  
GCCGAGAAAATGGCTACATTTTCATGGTATGAAAATGCCATTCAATAAGGAACCAAAATGGCTTTTGGCA  
CAATGGAAAAGTATCTAAAGGAAGTCTGAGAATTAATTTACTGAGGAATCCAGAATAAAAAGCTCCA  
CAAATTGCTCAGTTACAATCTGCCCTTGAACCTGAAAACCTGAGATCATTGCTTGAATCTACTCCATCT  
CCAGTTGTATTTTGCATAATGACTGTCAAGAAGTAATATCTTGTGCTGGAAGCCGAGAGAATTCTG  
AAAAACAGAACTGATGCTCATTGATTTTCAATACAGCAGTTACAATTACAGGGGATTCCGACATTGGAAA  
TCACTTCTGTGAGTGGATGTATGATTATAGCTATGAAAATACCCTTTTTTCAGAGCAAACATCCGGAAG  
TATCCCACCAAGAAAACAAGCTCCATTTTATTTCCAGTTACTTGCCTGCATTCCAAAATGACTTTGAAA  
ACCTCAGTACTGAAGAAAATCCATTATAAAAGAAGAAATGTTGCTTGAAGTTAATAGGTTTGCCTTGC  
ATCTCATTTCTCTGGGACAGTGGTCCATTGTACAAGCAAGATTTTCATCTATTGAATTTGGGTACATG  
GACTACGCCAAGCAAGGTTTGTATGCTATTTCCACCAGAAGGAAGCTTGGGGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



<b>Protein Sequence:</b>	>RC207209 representing NM_212469 Red=Cloning site Green=Tags(s)  MKTKFCTGGEAEPSPGLLLLSCGSGSAAPAGVGGQRDAASDLESKQLGGQQPPLALPPPPPLPLPLPLP QPPPPQPPADEQPEPRTRRRAYLWCKEFLPGAWRGLREDEFHISVIRGGLSNMLFQCSLPDATTATLGDEP RKVLLRLYGAILQVGAEMVLESVMFAILAERSLGPPLYGIFPQGRLEQFIPSRRLDTEELGLPDISAEI AEKMATFHGMKMPFNKEPKWLFMTMEKYLKEVLRIFTEESRIKKLHKLLSYNLPLELENLRSLLLESTPS PVVVFCHNDCQEGNILLLEGRENSEKQKMLIDFEYSSYNYRGFDIGNHFCWEMYDYSYKYPFFFRANIRK YPTKKQQLHFISSYLPAFQNDNFENLSTEEKSIIKEEMLLEVNRFALASHFLWGQWSIVQAKISSIEFGYM DYAQRFDAYFHQKRKLGV  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_212469
<b>ORF Size:</b>	1317 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_212469.1</a> , <a href="#">NP_997634.1</a>
<b>RefSeq Size:</b>	2679 bp
<b>RefSeq ORF:</b>	1320 bp
<b>Locus ID:</b>	1119
<b>UniProt ID:</b>	<a href="#">P35790</a>
<b>Cytogenetics:</b>	11q13.2
<b>MW:</b>	50 kDa