

Product datasheet for **RC214774A1V**

Human Cystathionase (CTH) (NM_153742) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cystathionase (CTH) (NM_153742) AAV Particle
Tag:	Myc-DDK
Symbol:	Cystathionase
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC214774 representing NM_153742 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGGAAAAAGACGCCTCCTCACAAGGTTTCTGCCACACTTCCAACATTCGCCACGCAGGCGATCC
ATGTGGGCCAGGATCCAGAGCAATGGACCTCCAGGGCTGTAGTGCCTCCATCTCACTGTCCACCACGTT
CAAGCAAGGGGCGCTGGCCAGCACTCGGGTTTGAATATAGCCGTTCTGGAAATCCCACTAGGAATTGC
CTTGAAAAAGCAGTGGCAGCACTGGATGGGCTAAGTACTGTTGGCCTTTGCTTCAGGTTTAGCAGCCA
CTGTAATACTATCCCATCTTTAAAAGCAGGAGACCAAAATTTGTATGGATGATGTGTATGGAGGTAC
AAACAGGTACTTCAGGCAAGTGGCATCTGAATTTGGATTAAGATTTCTTTTGTGATTGTTCCAAAATC
AAATACTAGAGGCAGCAATTACACCAGAAACCAAGCGCCCTTTGGCTCTGGGAGCTGATATTTCTATGT
ATTCTGCAACAAAATACATGAATGGCCACAGTGTGTGTAATGGGCTGGTGTCTGTTAATTGTGAAAG
CCTTCATAATAGACTTCGTTTCTTGCAAACTCTCTGGAGCAGTTCCATCTCCTATTGATTGTTACCTC
TGCAATCGAGGTCTGAAGACTCTACATGTCCGAATGGAAGCATTTCAAAAACGGAATGGCAGTTGCC
AGTTCCTGGAATCTAATCCTTGGGTAGAAAAGTTATTTATCCTGGGCTGCCCTCTCATCCACAGCATGA
GTTGGTGAAGCGTCAGTGTACAGTTGTACAGGGATGGTACCTTTTATTAAGGGCACTCTTCAGCAT
GCTGAGATTTTCTCAAGAACCTAAAGCTATTTACTCTGGCCGAGAGCTTGGGAGGATTCGAAAGCCTTG
CTGAGCTTCCGGCAATCATGACTCATGCATCAGTTCTTAAGAATGACAGAGATGTCCTTGGAATTAGTGA
CACACTGATTCGACTTTCTGTGGCTTAGAGGATGAGGAAGACCTACTGGAAGATCTAGATCAAGCTTTG
AAGGCAGCACACCCTCCAAGTGAAGTCACAGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC214774 representing NM_153742 Red=Cloning site Green=Tags(s) MQEKDASSQGFLPHFQHFATQAIHVGQDPEQWTSRAVVPPISLSTTFKQGAPGQHSGFEYSRSGNPTRNC LEKAVAALDGAKYCLAFASGLAATVTITHLLKAGDQIICMDDVYGGTNRVFRQVASEFGLKISFVDCSKI KLLLEAAITPETKRPLALGADISMYSATKYMNGHSDVVMGLVSVNCESLHNRLRFLQNSLGAVPSPIDCYL CNRGLKTLHVRMEKHFKNMVAQAQFLESNPWVEKVIYPGLPSHPQHELVKRQCTGCTGMVTFYIKGTLQH AEIFLKNLKLFLAESLGGFESLAELPAIMTHASVLKNDRDVLGISDTLIRLSVGLDEEDLLEDLDQAL KAAHPPSGSHS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_153742
ORF Size:	1083 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_153742.3, NP_714964.2</u>
RefSeq Size:	1687 bp
RefSeq ORF:	1086 bp
Locus ID:	1491
UniProt ID:	<u>P32929</u>
Cytogenetics:	1p31.1
MW:	39.3 kDa