

Product datasheet for **RC231191A1V**

Human Cystathionase (CTH) (NM_001190463) AAV Particle

Product data:

Product Type: AAV Particles
 Product Name: Human Cystathionase (CTH) (NM_001190463) AAV Particle
 Tag: Myc-DDK
 Symbol: Cystathionase
 Mammalian Cell Selection: None
 Vector: pAAV-AC-Myc-DDK (PS100089)
 ORF Nucleotide Sequence: >RC231191 representing NM_001190463
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGGAAAAAGACGCCTCCTCACAAGGTTTCTGCCACACTTCCAACATTTGCCCACGCAGGGCAGTCC
 ATGTGGGCCAGGATCCAGAGCAATGGACCTCCAGGGCTGTAGTGCCCCCATCTCACTGTCCACCACGTT
 CAAGCAAGGGGCGCTGGCCAGCACTCGGGTTTGAATATAGCCGTTCTGGAAATCCCACTAGGAATTGC
 CTTGAAAAAGCAGTGGCAGCACTGGATGGGCTAAGTACTGTACAAACAGGACTTCAGGCAAGTGGCAT
 CTGAATTTGGATTAAGATTTCTTTTGTGATTGTTCCAAAATCAAATTACTAGAGGCAGCAATTACACC
 AGAAACCAAGCTTGTGGATCGAAACCCACAAACCCACCCAGAAGGTGATTGACATTGAAGGCTGT
 GCACATATTGTCCATAAGCATGGAGACATTATTTGGTCGTGGATAACACTTTTTATGTCACCATATTTCC
 AGCGCCCTTTGGCTCTGGGAGCTGATATTTCTATGTAATCTGCAACAAAATACATGAATGGCCACAGTGA
 TGTTGTAATGGCCTGGTGTCTGTTAATTGTGAAAGCCTTCATAATAGACTTCGTTTCTTGCAAACTCT
 CTTGGAGCAGTCCATCTCCTATTGATTGTTACCTCTGCAATCGAGGTCTGAAGACTCTACATGTCCGAA
 TGGAAAAGCATTTCAAAAACGGAATGGCAGTTGCCAGTTCCTGGAATCTAATCCTTGGGTAGAAAAGGT
 TATTTATCCTGGGCTGCCCTCTCATCCACAGCATGAGTTGGTGAAGCGTCAGTGTACAGGTTGTACAGGG
 ATGGTCACCTTTTATATTAAGGGCACTCTCAGCATGCTGAGATTTTCTCAAGAACCTAAAGCTATTTA
 CTCTGGCCGAGAGCTTGGGAGGATTCGAAAGCCTTGCTGAGCTTCCGGCAATCATGACTCATGCATCAGT
 TCTTAAGAATGACAGAGATGTCCTTGGAAATTAGTGACACACTGATTTCGACTTTCTGTGGGCTTAGAGGAT
 GAGGAAGACCTACTGGAAGATCTAGATCAAGCTTTGAAGGCAGCACACCTCCAAGTGAAGTCACAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC231191 representing NM_001190463 Red=Cloning site Green=Tags(s) MQEKDASSQGFLPHFQHFATQAIHVGQDPEQWTSRAVVPPISLSTTFKQGAPGQHSGFEYSRSGNPTRNC LEKAVAALDGAKYCTNRYFRQVASEFGLKISFVDCSKIKLLEAAITPETKLWVIETPTNPTQKVIDIEGC AHIVHKHGDIIILVVDNTFMSPYFQRPLALGADISMYSATKYMNGHSDVVMGLVSVNCESLHNRLRFLQNS LGAVPSPIDCYLCNRGLKTLHVRMEKHFKNGMAVAQFLESNPWVEKVIYPGLPSHPQHELVKRQCTGCTG MVTFYIKGTLQHAEIFLKNLKLFLAESLGGFESLAELPAIMTHASVLKNDRDVLDLGI SDTLIRLSVGLD EEDLLEDLDQALKAAHPPSGSHS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001190463
ORF Size:	1119 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_001190463.1</u> , <u>NP_001177392.1</u>
RefSeq ORF:	1122 bp
Locus ID:	1491
UniProt ID:	<u>P32929</u>
Cytogenetics:	1p31.1
MW:	41.7 kDa