

Product datasheet for **RC200373A1V**

Human Cathepsin H (CTSH) (NM_004390) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cathepsin H (CTSH) (NM_004390) AAV Particle
Tag:	Myc-DDK
Symbol:	Cathepsin H
Synonyms:	ACC-4; ACC-5; ACC4; ACC5; CPSB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200373 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC**GGCGC**
GCCC

ATGTGGGCCACGCTGCCGCTGCTCTGCCCGGGGCTGGCTCCTGGGAGTCCCCGTCTGCGGTGCCGCCG
AACTGTCCGTGAACCTCTTAGAGAAGTTTCACTTCAAGTCATGGATGTCTAAGCACCGTAAGACCTACAG
TACGGAGGAGTACCACCACAGGCTGCAGACGTTTGCCAGCAACTGGAGGAAGATAAACGCCCACAACAAT
GGGAACCACACATTTAAATGGCACTGAACCAATTTTCAGACATGAGCTTTGCTGAAATAAACACAAGT
ATCTCTGGTCAGAGCCTCAGAATTGCTCAGCCACCAAAAGTAACCTTCGAGGTACTGGTCCCTACCC
ACCTTCCGTGGACTGGCGGAAAAAGGAAATTTGTCTCACCTGTGAAAAATCAGGGTGCCTGCCGCACT
TGCTGGACTTTCTCCACCACTGGGGCCCTGGAGTCTGCGATCGCCATCGCAACCGGAAAGATGCTGTCCT
TGGCGGAACAGCAGCTGGTGGACTGCGCCAGGACTTCAATAATCACGGCTGCCAAGGGGGTCTCCCCAG
CCAGGCTTTGAGTATATCCTGTACAACAAGGGGATCATGGGTGAAGACACCTACCCCTACCAGGGCAAG
GATGGTTATTGCAAGTTCCAACCTGGAAGGCCATCGGCTTTGTCAAGGATGTAGCCAACATCACAATCT
ATGACGAGGAAGCGATGGTGGAGGCTGTGGCCCTCTACAACCCTGTGAGCTTTGCCTTTGAGGTGACTCA
GGACTTCATGATGTATAGAACGGGCATCTACTCCAGTACTTCTGCCATAAACTCCAGATAAAGTAAAC
CATGCAGTACTTGTGTTGGGTATGGAGAAAAAATGGGATCCCTTACTGGATCGTGAAAACTCTTGGG
GTCCCCAGTGGGAATGAACGGGTACTTCTCATCGAGCGCGGAAAGAACATGTGTGGCCTGGCTGCCTG
CGCCTCTACCCCATCCCTCTGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200373 protein sequence Red=Cloning site Green=Tags(s) MWATLPLL CAGAWLLGVPVCGAAELSVNSLEKHFHFKSWMSKHKRTYSTEEYHHRLQTFASNWRKINAHNN GNHTFKMALNQFSDMSFAEIKHKYLWSEPQNCSATKSNYLRGTGPYPSPVDWRKKGNFVSPVKNQGACGS CWTFSTTGALESAIAIATGKMLSLAEQQLVDCAQDFNNHGCQGGGPSQAFYIILYNKGIMGEDTYPYQ GK DGYCKFQPGKAIGFVKDVANITIYDEEAMVEAVALYNPVSF AFEVTQDFMMYRTGIYSSTSCHKTPDKVN HAVLAVGYGEKNGIPYIWVKNWGPQWGMNGYFLIERGKNMCGLAACASYPIPLV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004390
ORF Size:	1005 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_004390.2
RefSeq Size:	1494 bp
RefSeq ORF:	1008 bp
Locus ID:	1512
UniProt ID:	P09668
Cytogenetics:	15q25.1
MW:	37.4 kDa