

Product datasheet for **RC210578A1V**

Human Cathepsin B (CTSB) (NM_147783) AAV Particle

Product data:

Product Type: AAV Particles
 Product Name: Human Cathepsin B (CTSB) (NM_147783) AAV Particle
 Tag: Myc-DDK
 Symbol: Cathepsin B
 Synonyms: APPS; CPSB; RECEUP
 Mammalian Cell Selection: None
 Vector: pAAV-AC-Myc-DDK (PS100089)
 ORF Nucleotide Sequence: >RC210578 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGCAGCTCTGGCCTCCCTCTGCTGCCTGCTGGTGTGGCCAATGCCCGGAGCAGGCCCTCTTTCC
 ATCCCCGTGGATGAGCTGGTCAACTATGTCAACAAACGGAATACCACGTGGCAGGCCGGGCACAACCT
 CTACAACGTGGACATGAGCTACTTGAAGAGGCTATGTGGTACCTTCTGGGTGGGCCAAGCCACCCAG
 AGAGTTATGTTTACCGAGGACCTGAAGCTGCCTGCAAGCTTCGATGCACGGGAACAATGGCCACAGTGTC
 CCACCATCAAAGAGATCAGAGACCAGGGCTCCTGTGGTCTCTGCTGGCCTTCGGGGCTGTGGAAGCCAT
 CTCTGACCGGATCTGCATCCACACCAATGCGCACGTGAGCGTGGAGGTGTCGGCGGAGGACCTGCTCACA
 TGCTGTGGCAGCATGTGTGGGACGGCTGTAATGGTGGCTATCCTGCTGAAGCTTGAACCTTCTGGACAA
 GAAAAGGCCTGGTTTCTGGTGGCCTCTATGAATCCCATGTAGGGTGCAGACCGTACTCCATCCCTCCCTG
 TGAGCACCACGTCAACGGCTCCCGGCCCATGCACGGGGAGGGAGATACCCCAAGTGTAGCAAGATC
 TGTGAGCCTGGCTACAGCCGACCTACAACAGGACAAGCACTACGGATAACAATCCTACAGCGTCTCCA
 ATAGCGAGAAGGACATCATGGCCGAGATCTACAAAACGGCCCGTGGAGGGAGCTTTCTGTGTATTC
 GGACTTCTGCTACAAGTCAAGAGTGTACCAACACGTACCCGAGAGATGATGGGTGGCCATGCCATC
 CGCATCCTGGGCTGGGAGTGGAGAATGGCACACCCTACTGGCTGGTTGCCAACTCCTGGAACACTGACT
 GGGGTGACAATGGCTTTTAAAATACTCAGAGGACAGGATCACTGTGGAATCGAATCAGAAGTGGTGGC
 TGAATTCCACGCACCGATCAGTACTGGAAAAGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence:	>RC210578 protein sequence Red=Cloning site Green=Tags(s) MWQLWASLCCLLVLANARSRPSFHPLSDELVNYVNRNTTWQAGHNFYVNDMSYLKRLCGTFLGGPKPPQ RVMFTEDLKLPA SF DAREQWPQCPTIKEIRDQGSCGSCWAFGAVEAISDRICIHNAHVSVEVSAEDLLT CCGSMCGDGCNGGYP AEAWNFWRKGLVSGGLYESHVGC RPYSIPPCEHHVNGSRPPCTGEGDTPKCSKI CEPGYSPTYKQDKHYGYSYSVSNSEKDIMAEIYKNGPVEGAFSVYSDFLLYKSGVYQHVVTGEMMGGHAI RILGWGVENGPYWL VANSWNTDWGDN GFFKILRGQDHCGIESEVVAGIPRTDQYWEKI TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_147783
ORF Size:	1017 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_147783.2
RefSeq Size:	3857 bp
RefSeq ORF:	1020 bp
Locus ID:	1508
UniProt ID:	P07858
Cytogenetics:	8p23.1
MW:	37.8 kDa