

Product datasheet for **RC222463A1V**

Human Cathepsin B (CTSB) (NM_147782) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cathepsin B (CTSB) (NM_147782) 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:	>RC222463 representing NM_147782 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGTGGCAGCTCTGGCCTCCCTCTGCTGCCTGCTGGTGTGGCCAATGCCCGGAGCAGGCCCTCTTTCC
ATCCCCGTGCGGATGAGCTGGTCAACTATGTCAACAAACGGAATACCACGTGGCAGGCCGGGCACAACCT
CTACAACGTGGACATGAGCTACTTGAAGAGGCTATGTGGTACCTTCTGGGTGGGCCAAGCCACCCAG
AGAGTTATGTTTACCGAGGACCTGAAGCTGCCGCAAGCTTCGATGCACGGGAACAATGGCCACAGTGTC
CCACCATCAAAGAGATCAGAGACCAGGGCTCCTGTGGCTCCTGCTGGCCTTCGGGGCTGTGGAAGCCAT
CTCTGACCGGATCTGCATCCACACCAATGCGCACGTGACGCTGGAGGTGTCGGCGGAGGACCTGCTCACA
TGCTGTGGCAGCATGTGTGGGACGGCTGTAATGGTGGCTATCCTGCTGAAGCTTGAACCTTCTGGACAA
GAAAAGGCCTGGTTTCTGGTGGCCTCTATGAATCCCATGTAGGGTGCAGACCGTACTCCATCCCTCCCTG
TGAGCACACGTCAACGGCTCCCGGCCCCATGCACGGGGAGGGAGATACCCCAAGTGTAGCAAGATC
TGTGAGCCTGGCTACAGCCGACCTACAACAGGACAAGCACTACGGATAACAATCCTACAGCGTCTCCA
ATAGCGAGAAGGACATCATGGCCGAGATCTACAAAACGGCCCGTGGAGGGAGCTTTCTCTGTGTATTC
GGACTTCTGCTCTACAAGTCAAGAGTGTACCAACACGTACCCGAGAGATGATGGGTGGCCATGCCATC
CGCATCCTGGGCTGGGGAGTGGAGAATGGCACACCCTACTGGCTGGTTGCCAACTCCTGGAACACTGACT
GGGGTGACAATGGCTTCTTTAAAATACTCAGAGGACAGGATCACTGTGGAATCGAATCAGAAGTGGTGGC
TGAATTCCACGCACCGATCAGTACTGGAAAAGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC222463 representing NM_147782 Red=Cloning site Green=Tags(s) MWQLWASLCCLLVLANARSRPSFHPLSDELVNYVNRNTTWQAGHNFYVNDMSYLKRLCGTFLGGPKPPQ RVMFTEDLKLPA SF DAREQWPQCPTIKEIRDQGSCGSCWAFGAVEAISDRICIHNAHVSVEVSAEDLLT CCGSMCGDGCNGGYPAEAWNFWRKGLVSGGLYESHVGC RPYSIPPCEHHVNGSRPPCTGEGDTPKCSKI CEPGYSPTYKQDKHYGYSYSVSNSEKDIMAEIYKNGPVEGAFSVYSDFLLYKSGVYQHVTGEMMGGHAI RILGWGVENGPYWL VANSWNTDWGDN GFFKILRGQDHCGIESEVVAGIPRTDQYWEKI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_147782
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_147782.2
RefSeq Size:	3871 bp
RefSeq ORF:	1020 bp
Locus ID:	1508
UniProt ID:	P07858
Cytogenetics:	8p23.1
MW:	37.8 kDa