

Product datasheet for **RC222764A1V**

Human Cathepsin B (CTSB) (NM_147781) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cathepsin B (CTSB) (NM_147781) 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:	>RC222764 representing NM_147781 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGTGGCAGCTCTGGCCTCCCTCTGCTGCCTGCTGGTGTGGCCAATGCCCGGAGCAGGCCCTCTTTCC
ATCCCCGTGGATGAGCTGGTCAACTATGTCAACAAACGGAATACCACGTGGCAGGCCGGGCACAACCT
CTACAACGTGGACATGAGCTACTTGAAGAGGCTATGTGGTACCTTCTGGGTGGGCCAAGCCACCCAG
AGAGTTATGTTTACCGAGGACCTGAAGCTGCCTGCAAGCTTCGATGCACGGGAACAATGGCCACAGTGTC
CCACCATCAAAGAGATCAGAGACCAGGGCTCCTGTGGCTCCTGCTGGCCTTCGGGGCTGTGGAAGCCAT
CTCTGACCGGATCTGCATCCACACCAATGCGCACGTGACGCTGGAGGTGTCGGCGGAGGACCTGCTCACA
TGCTGTGGCAGCATGTGTGGGACGGCTGTAATGGTGGCTATCCTGCTGAAGCTTGAACCTCTGGACAA
GAAAAGGCCTGGTTTCTGGTGGCCTCTATGAATCCCATGTAGGGTGCAGACCGTACTCCATCCCTCCCTG
TGAGCACCACGTCAACGGCTCCCGGCCCCATGCACGGGGAGGGAGATACCCCAAGTGTAGCAAGATC
TGTGAGCCTGGCTACAGCCGACCTACAACAGGACAAGCACTACGGATAACAATCCTACAGCGTCTCCA
ATAGCGAGAAGGACATCATGGCCGAGATCTACAAAACGGCCCGTGGAGGGAGCTTTCTGTGTATTC
GGACTTCTGCTCTACAAGTCAAGAGTGTACCAACACGTACCCGAGAGATGATGGGTGGCCATGCCATC
CGCATCCTGGGCTGGGAGTGGAGAATGGCACACCCTACTGGCTGGTTGCCAACTCCTGGAACACTGACT
GGGGTGACAATGGCTTCTTTAAAATACTCAGAGGACAGGATCACTGTGGAATCGAATCAGAAGTGGTGGC
TGAATTCCACGCACCGATCAGTACTGGAAAAGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC222764 representing NM_147781 Red=Cloning site Green=Tags(s) MWQLWASLCCLLVLANARSRPSFHPLSDELVNYVNRNTTWQAGHNFYVNDMSYLKRLCGTFLGGPKPPQ RVMFTEDLKLPA SF DAREQWPQCPTIKEIRDQGSCGSCWAFGAVEAISDRICIHNAHVSVEVSAEDLLT CCGSMCGDGCNGGYP AEAWNFWRKGLVSGGLYESHVGC RPYSIPPCEHHVNGSRPPCTGEGDTPKCSKI CEPGYSPTYKQDKHYGYSYSVSNSEKDIMAEIYKNGPVEGAFSVYSDFLLYKSGVYQHVTGEMMGGHAI RILGWGVENGPYWL VANSWNTDWGDN GFFKILRGQDHCGIESEVVAGIPRTDQYWEKI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_147781
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_147781.2
RefSeq Size:	3902 bp
RefSeq ORF:	1020 bp
Locus ID:	1508
UniProt ID:	P07858
Cytogenetics:	8p23.1
MW:	37.8 kDa