

Product datasheet for **RC223541A1V**

Human Cathepsin L (CTSL) (NM_145918) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cathepsin L (CTSL) (NM_145918) AAV Particle
Tag:	Myc-DDK
Symbol:	Cathepsin L
Synonyms:	CATL; CTSL1; MEP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC223541 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAATCCTACACTCATCCTTGCTGCCTTTGCCTGGGAATTGCCTCAGCTACTCTAACATTTGATCACA
GTTTAGAGGCACAGTGGACCAAGTGAAGGCGATGCACAACAGATTATACGGCATGAATGAAGAAGGATG
GAGGAGAGCAGTGTGGGAGAAGAAGTGAAGATGATTGAAGTGCACAATCAGGAATACAGGGAAGGGAAA
CACAGCTTCACAATGGCCATGAACGCCCTTTGGAGACATGACCAGTGAAGAATTCAGGCAGGTGATGAATG
GCTTTCAAACCGTAAGCCCAGGAAGGGAAAGTGTCCAGGAACCTCTGTTTTATGAGGCCCCAGATC
TGTGGATTGGAGAGAGAAAGGCTACGTGACTCCTGTGAAGAATCAGGGTCAGTGTGGTTCTTGTGGGCT
TTTAGTGCTACTGGTGCTCTTGAAGGACAGATGTTCCGAAAACTGGGAGGCTTATCTCACTGAGTGAGC
AGAATCTGGTAGACTGCTCTGGGCCTCAAGGCAATGAAGGCTGCAATGGTGGCCTAATGGATTATGCTTT
CCAGTATGTTCCAGGATAATGGAGGCCTGGACTCTGAGGAATCCTATCCATATGAGGCAACAGAAGAATCC
TGTAAGTACAATCCCAAGTATTCTGTTGCTAATGACACCGCTTTGTGGACATCCCTAAGCAGGAGAAGG
CCCTGATGAAGGCAGTTGCAACTGTGGGGCCATTCTGTTGCTATTGATGCAGGTCATGAGTCCTTCTCT
GTTCTATAAAGAAGGCATTTATTTTGAAGCAGACTGTAGCAGTGAAGACATGGATCATGGTGTGCTGGTG
GTTGGCTACGGATTTGAAAGCACAGAATCAGATAACAATAAATATTGGCTGGTGAAGAACAGCTGGGGTG
AAGAATGGGGCATGGGTGGCTACGTAAGATGGCCAAAGACCGGAGAAACCATTGTGAATTGCCTCAGC
AGCCAGCTACCCCACTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC223541 protein sequence Red=Cloning site Green=Tags(s) MNPTLILAAFLGLIASATLTFDHSLEAQWTKWKAMHNRLYGMNEEGWRRRAVWEKNVKMIELHNQEYREGK HSFTMAMNAFGDMTSEEFQVMNGFQNRKPRKGKVFQEPLFYEA PRSVDWREKGYVTPVKNQGQCGSCWA FSATGALEGQMFRKTGRLISLSEQLVDCSGPQGNEGCNGGLMDYAFQYVQDNGGLDSEESYPYEATEES CKYNPKYSVANDTGFVDIPKQEKALMKAVATVGPI SVAIDAGHESFLFYKEGIYFEPDCSSEMDHGVLV VGYGFESTESDNNKYWLKNSWGEEWGMGGYVKMAKDRRNHCGIASAASYPTV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_145918
ORF Size:	999 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_145918.1</u>
RefSeq Size:	1587 bp
RefSeq ORF:	1002 bp
Locus ID:	1514
UniProt ID:	<u>P07711</u>
Cytogenetics:	9q21.33
MW:	37.5 kDa