

Product datasheet for **RC203143A1V**

Human Cathepsin L (CTSL) (NM_001912) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cathepsin L (CTSL) (NM_001912) 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:	>RC203143 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATCCTACACTCATCCTTGCTGCCTTTTGCCTGGGAATTGCCTCAGCTACTCTAACATTTGATCACA
GTTTAGAGGCACAGTGGACCAAGTGGAAAGGCGATGCACAACAGATTATACGGCATGAATGAAGAAGGATG
GAGGAGAGCAGTGTGGGAGAAGAAGCTGAAGATGATTGAAGTGCACAATCAGGAATACAGGGAAGGGAAA
CACAGCTTCACAATGGCCATGAACGCCCTTTGGAGACATGACCAGTGAAGAATTCAGGCAGGTGATGAATG
GCTTTCAAACCGTAAGCCAGGAAGGGGAAAGTGTCCAGGAACCTCTGTTTTATGAGGCCCCAGATC
TGTGGATTGGAGAGAGAAAGGCTACGTACTCCTGTGAAGAATCAGGGTCAAGTGTGGTCTTGTGGGCT
TTTAGTACTACTGGTGTCTTGAAGGACAGATGTTCCGAAAACCTGGGAGGCTTATCTCACTGAGTGAGC
AGAATCTGGTAGACTGCTCTGGGCTCAAGGCAATGAAGGCTGCAATGGTGGCCTAATGGATTATGCTTT
CCAGTATGTTCCAGGATAATGGAGGCTGGACTCTGAGGAATCCTATCCATATGAGGCAACAGAAGAATCC
TGTAAGTACAATCCCAAGTATTCTGTTGCTAATGACACCGCTTTGTGGACATCCCTAAGCAGGAGAAGG
CCCTGATGAAGGCAGTTGCAACTGTGGGCCCCATTTCTGTTGCTATTGATGCAGGTCATGAGTCTTCTCT
GTTCTATAAAGAAGGCATTTATTTGAGCCAGACTGTAGCAGTGAAGACATGGATCATGGTGTGCTGGTG
GTTGGCTACGGATTTGAAAGCACAGAATCAGATAACAATAAATATTGGCTGGTGAAGAACAGCTGGGGTG
AAGAATGGGGCATGGGTGGCTACGTAAGATGGCCAAAGACCGGAGAAACCATTGTGAATTGCCTCAGC
AGCCAGCTACCCCACTGTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203143 protein sequence Red=Cloning site Green=Tags(s) MNPTLILAAFLGLIASATLTFDHSLEAQWTKWKAMHNRLYGMNEEGWRRRAVWEKNVKMIELHNQEYREGK HSFTMAMNAFGDMTSEEFQVMNGFQNRKPRKGVFQEPLFYEAPRSVDWREKGYVTPVKNQGCGSCWA FSATGALEGQMFRTGRLISLSEQLVDCSGPQNEGCNGGLMDYAFQYVQDNGGLDSEESYPYEATEES CKYNPKYSVANDTGFVDIPKQEKALMKAVATVGPI SVAIDAGHESFLFYKEGIYFEPDCSSEMDHGVLV VGYGFESTESDNNKYWLKNSWGEWGMGGYVKMAKDRRNHCGIASAASYPTV TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001912
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_001912.3</u>
RefSeq Size:	1730 bp
RefSeq ORF:	1002 bp
Locus ID:	1514
UniProt ID:	<u>P07711</u>
Cytogenetics:	9q21.33
MW:	37.5 kDa