

Product datasheet for **RC204047A1V**

Human Cathepsin F (CTSF) (NM_003793) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cathepsin F (CTSF) (NM_003793) AAV Particle
Tag:	Myc-DDK
Symbol:	Cathepsin F
Synonyms:	CATSF; CLN13
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

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>RC204047 representing NM_003793
Red=Cloning site Blue=ORF Green=Tags(s)
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TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCGCCCTGGCTGCAGCTCCTGTGCTGCTGGGGTGCTCCGGGGCAGCTGGCCGCCCCGCCACG
CCCGAGCCGCCAGCTTTCAGGCCTGGGGGCCCGTCCCGGAGCTGCTGGCGCCACCCTGTCGCGCT
GGAGATGTTCAACCGCGCCGGGCTGCGGGGACGCGGCCGTGCTGGGCCCTGTGCGCGGCCGCTCCG
CGGGCGGGTCAGGGGTGCTGTACTCCCTGGAGGCCACCCTGGAGGAGCCACCCTGCAACGACCCCATGG
TGTGCCGGCTCCCCGTGTCCAAGAAAACCTGCTCTGCAGCTTCCAAGTCTGGATGAGCTCGGAAGACA
CGTGCTGCTGCGGAAGGACTGTGGCCAGTGGACACCAAGGTTCCAGGTGCTGGGGAGCCCAAGTCAGCC
TTCAGTCAAGGCTCAGCCATGATTTCTTCTGTGCCAAACCATCCAGACAACAGAAACGAGACTTTCA
GCTCACTCATTTCCCTGTTGAATGAGGATCCCCGTGCCAGGACTTGCTGTGAAGATGGCTTCAATCTT
CAAGAATCTTGTATTACCTATAACCGGCATATGAGTCAAGGAAGAACCCGGTGGCGCTTCCGCT
TTTGTCAATAACATGGTGCGAGACAGAAGATCCAGGCCCTGGACCGTGGCAGCAGCTCAGTATGGAGTCA
CCAAGTTCAGTGATCTCACAGAGGAGGAGTTCGCACACTATCTACCTGAATACTCTCCTGAGGAAAGAGCC
TGGCAACAAGATGAAGCAAGCCAAGTCTGTGGGTGACCTCGCCCCACCTGAATGGGACTGGAGGAGTAAG
GGGGCTGTCAAAAAGTCAAAGACCAGGGCATGTGTGGCTCCTGCTGGGCCCTTCTCAGTCACAGGCAATG
TGGAGGGCCAGTGGTTTCTCAACCAGGGGACCCTGCTCTCCCTCTCTGAACAGGAGCTCTTGAGCTGTGA
CAAGATGGACAAGGCCTGCATGGCGCGCTTGCCCTCCAATGCCTACTCGGCCATAAAGAATTTGGGAGGG
CTGGAGACAGAGGATGACTACAGCTACCAGGGTCACATGCAGTCTGCACTTCTCAGCAGAGAAGGCCA
AGGTCTACATCAATGACTCCGTGGAGCTGAGCCAGAACGAGCAGAAGCTGGCAGCCTGGCTGGCCAAGAG
AGGCCCAATCTCCGTGGCCATCAATGCCTTTGGCATGCAGTTTACCGCCACGGGATCTCCCGCCCTCTC
CGGCCCTCTCGAGCCCTTGGCTCATTGACCATGCGGTGTTGCTGTGGCTACGGCAACCGCTCTGACG
TTCCCTTTTGGGCCATCAAGAACAGCTGGGGCACTGACTGGGGTGAGAAGGTTACTACTTGCATCG
TGGGTCCGGGGCCTGTGGCGTGAACACCATGGCCAGCTCGGCGGTGGTGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204047 representing NM_003793
Red=Cloning site Green=Tags(s)

MAPWLQLLSLLGLLPGAIVAAPQPRASQFQAWGPPSPELLAPTRFALEMFNRGRAAGTRAVLGLVRGRVR
RAGQGSLSLEATLEPPCNDPMVCRLPVSKTLLCSFQVLDELGRHVLRLKDCGPVDTKVPGAGEPKSA
FTQGSAMISLSQLNHPDNRNETFSSVISLLNEDPLSQLDPVKMASTFKNFVITYNRTYESKEEARWRLSV
FVNNMVRAQKIQLDRGTAQYGVTKFSDLTEEFRTIYLNLTLLRKEPGNKMKQAKSVGDLAPPEWDWRSK
GAVTKVKDQGMCGSCWAFSAETKVNVEGWFLNQGTLLSLSEQUELDCDKMDKACMGGLPSNAYSIAKNLGG
LETEDDYSYQGHMLSCNFSAEKAKVYINDSVLSQLKLAWLAKRGPISVAINAFMGQFYRHGISRPL
RPLCSPWLIDHAWLLVGYGNRSDVPFWATKNSWGTDWGEGKYYLHRGSGACGVNNTMASSAVVD

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM 003793

ORF Size:

1452 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_003793.3</u>
RefSeq Size:	2032 bp
RefSeq ORF:	1455 bp
Locus ID:	8722
UniProt ID:	<u>Q9UBX1</u>
Cytogenetics:	11q13.2
MW:	53.2 kDa