

Product datasheet for **RC208275A1V**

Human Cathepsin W (CTSW) (NM_001335) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cathepsin W (CTSW) (NM_001335) AAV Particle
Tag:	Myc-DDK
Symbol:	Cathepsin W
Synonyms:	LYPN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC208275 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCACTGACTGCCACCCCTCCTGCCTCCTGGCCCTGTTGGTGGCAGGCCTAGCCCAAGGCATCAGAG
GCCCCCTTAGGGCCAGGACCTAGGTCCCCAGCCGCTAGAGCTGAAAGAGGCCTCAAGTTGTTCCAGAT
CCAGTTCAACCGGAGTTACCTGAGCCCAGAAGAGCATGCTCACCAGCTGGACATCTTTGCCACAACCTG
GCCAGGCTCAGAGGCTGCAGGAGGAGGACTTGGGCACAGCTGAGTTTGGGTGACTCCATTCAGTGACC
TCACAGAGGAGGAGTTTGGCCAGCTCTATGGCTATCGGAGGGCAGCTGGAGGGTCCCCAGCATGGGCAG
AGAAATAAGGTCTGAAGAGCCAGAGGAGTCAGTACCTTTCAAGCTGTGACTGGCGGAAGGTGGCCGGCGCC
ATCTCACCCATCAAGGACCAGAAAACTGCAACTGCTGCTGGGCCATGGCAGCGCAGGCAACATAGAGA
CCCTGTGGCGCATCAGTTTCTGGGATTTTGTGGACGTCTCCGTGCAGGAAGTGTGGACTGTGGCCGCTG
TGGGGATGGCTGCCACGGTGGCTTCGTCTGGGACGCTTCATAACTGCTCCTCAACAACAGCGGCTGGCC
AGTGAAAAGGACTACCGTTCCAGGGCAAAGTCAGAGCCACAGGTGCCACCCCAAGAAGTACCAGAAGG
TGGCCTGGATCCAGGACTTCATCATGCTGCAGAACACGAGCACAGAATTGCGCAGTACCTGGCCACTTA
TGGCCCCATACCGTGACCATCAACATGAAGCCCTTCAGCTATACCGAAAGGTGTGATCAAGGCCACA
CCCACCACCTGTGACCCCGAGCTTGTGGACCACTCTGCTGCTGGTGGGTTTTGGCAGCGTCAAGTCAG
AGGAGGGGATATGGGCAGAGACAGTCTCATCGAGTCTCAGCCTCAGCCTCCACACCCCACTCCATACTG
GATCCTGAAGAACTCCTGGGGGGCCCAATGGGGAGAGAAGGGCTATTTCCGGCTGCACCGAGGGAGCAAT
ACCTGTGGCATCACCAAGTTCCTCGCTCACTGCCGTGTGCAGAAACCGGATATGAAGCCCGAGTCTCCT
GCCCTCCC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC208275 protein sequence Red=Cloning site Green=Tags(s) MALTAHPSCLLALLVAGLAQGIRGPLRAQDLGPQPLELKEAFKLFQIQFNRSYLSPEEHAHRLDIFAHNL AQAQRLQEEDLGTAIEFGVTPFSDLTEEEFGQLYGYRRAAGGVPSMGREIRSEEPESVPFSCDWRKVAGA ISPIKDQKNCNCWAMAAAGNIETLWRISFWDVVDVSVQELDCGRCDGCHGGFVWDAFITVLNNSGLA SEKDYPPFQGVRAHRCHPKKYQKVAVIQDFIMLQNNHRIAQYLATYGPITVTINMKPLQLYRKGVIKAT PTTCDPQLVDHSVLLVGFGSVKSEEGIWAETVSSQSQPQPPHPTPYWILKNSWGAQWGEKGYFRLHRGSN TCGITKFLPTARVQKPDMPKPRVSCPP SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001335
ORF Size:	1128 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_001335.3 , NP_001326.2
RefSeq Size:	1327 bp
RefSeq ORF:	1131 bp
Locus ID:	1521
UniProt ID:	P56202
Cytogenetics:	11q13.1
MW:	42.1 kDa