

Product datasheet for **RC206379A1V**

Human Caspase 10 (CASP10) (NM_032977) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Caspase 10 (CASP10) (NM_032977) AAV Particle
Tag:	Myc-DDK
Symbol:	Caspase 10
Synonyms:	ALPS2; FLICE-2; FLICE2; MCH4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206379 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAATCTCAAGGTCAACATTGGTATTCCAGTTCAGATAAAAAGTAAAGTGAGCTTTCGTGAGAAGC
 TTCTGATTATTGATTCAAACCTGGGGTCCAAGATGTGGAGAACCCTCAAGTTTCTCTGCATAGGATTGGT
 CCCCAACAAGAAGCTGGAGAAGTCCAGCTCAGCCTCAGATGTTTTTGAACATCTCTTGGCAGAGGATCTG
 CTGAGTGAGGAAGACCCTTCTCTCTGGCAGAACTCCTCTATATCATACGGCAGAAGAAGCTGCTGCAGC
 ACCTCAACTGTACCAAAGAGGAAGTGGAGCGACTGCTGCCACCCGACAAAGGGTTTCTGTGTTAGAAA
 CCTGCTCTACGAACTGTCAGAAGGCATTGACTCAGAGAACTTAAAGGACATGATCTTCTCTGAAAGAC
 TCGCTTCCAAAAGTAAATGACCTCCCTAAGTTTCTGGCATTCTAGAGAAAACAGGTAAGATAGATG
 AAGATAATCTGACATGCCTGGAGACCTCTGCAAAACAGTTGTACCTAACTTTTGGAAACATAGAGAA
 ATACAAAAGAGAGAAAGCTATCCAGATAGTGACACCTCCTGTAGACAAGGAAGCCGAGTCGTATCAAGGA
 GAGGAAGAACTAGTTTCCAAAACAGATGTTAAGACATTCTTGAAGCCTTACCGCAGGAGCTCGGCAAA
 ATAAGCATGCAGGTAGTAATGGTAACAGAGCCACAAATGGTGCACCAAGCCTGGTCTCCAGGGGGATGCA
 AGGAGCATCTGCTAACTCTAACTCTGAAACCAGCACAAGAGGGCAGCTGTGTACAGGATGAATCGG
 AACCACAGAGGCCTCTGTGTCATTGTCAACAACCACAGCTTACCTCCCTGAAGGACAGACAAGGAACCC
 ATAAGATGCTGAGATCCTGAGTCATGTGTTCCAGTGGCTTGGGTTACAGTGCATATACACAATAATGT
 GACGAAAGTGGAAATGGAGATGGTCTCGAGAAGCAGAAGTGAATCCAGCCATGCCGACGGGGACTGC
 TTCGTGTTCTGTATTCTGACCCATGGGAGATTTGGAGCTGTCTACTCTTCGGATGAGGCCCTCATTCCCA
 TTCGGGAGATCATGTCTCACTTACAGCCCTGCAGTCCCTAGACTGGCTGAAAAACCTAACTCTTTTT
 CATCCAGGCCTGCCAAGGTGAAGAGATACAGCCTTCCGTATCCATCGAAGCAGATGCTCTGAACCTGAG
 CAGGCACCCACTTCCCTGCAGGACAGTATTCTGCCGAGGCTGACTTCTACTTGGTCTGGCCACTGTCC
 CAGGCTATGTATCCTTTCGGCATGTGGAGGAAGGCAGCTGGTATATTCAGTCTCTGTGTAATCATCTGAA
 GAAATGGTCCCAAGACATGAAGACATCTATCCATCCTCACTGCTGTCAACGATGATGTGAGTCGAAGA
 GTGGACAAACAGGGAACAAGAAACAGATGCCCCAGCCTGCTTTCACACTAAGGAAAAAACTAGTATTCC
 CTGTGCCCTGGATGCACTTTCATTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206379 protein sequence
 Red=Cloning site Green=Tags(s)

MKSQQQHWYSSSDKNCKVSFREKLLIIDSNLGVQDVENLKFLCIGLVPNKKLEKSSASDVFEHLLAEDL
 LSEEDPFFLAELLYIIRQKLLQHLNCTKEEVERLLPTRQRVSLFRNLLYELSEGIDSENKDMIFLLKD
 SLPKTEMTSLSFLAFLEKQKIDEDNLTCLEDLCKTVVPKLLRNIEKYKREKAIQIVTPVDKEAESYQG
 EEELVSTQDVKTFLEALPQESWQNKHAGSNGNRATNGAPSLVSRGMQGASANTLNSETSTKRAAVYRMR
 NHRGLCVIVNHSFTSLKDRQGTHTKDAEILSHVFQWLGFTVHIHNNVTKVEMEMVLQKQKCNPAHADGDC
 FVFCILTHGRFGAVYSSDEALIPIREIMSHFTALQCPRLAEKPKLFFIQACQGEEIQPSVSIEADALNPE
 QAPTSLQDSIPAEADFLGLATVPGYVFRHVEEGSWYIQSLCNHLKLVPRHEDILSILTAVNDDVSRR
 VDKQGTKKQMPQPAFTLRKLVFPVPLDALSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_032977

ORF Size:

1566 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_032977.3</u>
RefSeq Size:	5906 bp
RefSeq ORF:	1569 bp
Locus ID:	843
UniProt ID:	<u>Q92851</u>
Cytogenetics:	2q33.1
MW:	59 kDa