

Product datasheet for **RC223744A1V**

Human Caspase 8 (CASP8) (NM_001228) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Caspase 8 (CASP8) (NM_001228) AAV Particle
Tag:	Myc-DDK
Symbol:	Caspase 8
Synonyms:	ALPS2B; CAP4; Casp-8; FLICE; MACH; MCH5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223744 representing NM_001228
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACTTCAGCAGAAATCTTTATGATATTGGGAACAACTGGACAGTGAAGATCTGGCCTCCCTCAAGT
 TCCTGAGCCTGGACTACATTCCGCAAAGGAAGCAAGAACCATCAAGGATGCCTTGATGTTATTCCAGAG
 ACTCCAGGAAAAGAGAATGTTGGAGGAAAGCAATCTGTCTTCCTGAAGGAGCTGCTCTCCGAATTAAT
 AGACTGGATTTGCTGATTACCTACCTAAACACTAGAAAGGAGGAGATGGAAGGGAATTCAGACACCAG
 GCAGGGCTCAAATTTCTGCCTACAGGTTCCACTTCTGCCGCATGAGCTGGGCTGAAGCAAACAGCCAGTG
 CCAGACACAGTCTGTACCTTTCTGGCGGAGGTCGATCATCTATTAATAAGGGTCATGCTCTATCAAATT
 TCAGAAGAAGTGAGCAGATCAGAATTGAGGTCTTTAAGTTTCTTTGCAAGAGGAAATCTCAAATGCA
 AACTGGATGATGACATGAACCTGCTGGATATTTTCATAGAGATGGAGAAGAGGGTCATCCTGGGAGAAGG
 AAAGTTGGACATCCTGAAAAGAGTCTGTGCCAAATCAACAAGAGCCTGCTGAAGATAATCAACGACTAT
 GAAGAATTCAGCAAAGGGGAGGAGTTGTGTGGGTAATGACAATCTCGGACTCTCCAAGAGAACAGGATA
 GTGAATCACAGACTTTGGACAAAGTTTACCAAATGAAAAGCAAACCTCGGGGATACTGTCTGATCATCAA
 CAATCACAAATTTGCAAAGCACGGGAGAAAGTGCCCAAACCTTCACAGCATTAGGGACAGGAATGGAACA
 CACTTGGATGCAGGGGCTTTGACCACGACCTTTGAAGAGCTTCATTTTGAGATCAAGCCCCACGATGACT
 GCACAGTAGAGCAATCTATGAGATTTTGAAAATCTACCAACTCATGGACCACAGTAACATGGACTGCTT
 CATCTGCTGTATCCTCTCCCATGGAGACAAGGGCATCATCTATGGCACTGATGGACAGGAGGCCCCATC
 TATGAGCTGACATCTCAGTTCAGTGGTTTGAAGTGCCCTTCCCTTGTGGAAAACCCAAAGTGTITTTTA
 TTCAGGCTTGTGAGGGGATAACTACCAGAAAGGTATACCTGTTGAGACTGATTACAGAGGAGCAACCCTA
 TTTAGAAATGGATTTATCATCACCTCAAACGAGATATATCCCGGATGAGGCTGACTTTCTGCTGGGGATG
 GCCACTGTGAATAACTGTGTTTCTACCGAAACCTGCAGAGGGAACCTGGTACATCCAGTCACCTTTGCC
 AGAGCCTGAGAGAGCGATGTCTCGAGGCGATGATATTCTCACCATCCTGACTGAAGTGAAGTATGAAGT
 AAGCAACAAGGATGACAAGAAAAACATGGGGAACAGATGCCTCAGCCTACTTTCACACTAAGAAAAAAA
 CTTGTCTTCCCTCTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC223744 representing NM_001228
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MDFSRLNYDIGEQLDSEDLASLKFLSLDYIPQRKQEPKDALMLFQRLQEKRMLEESNLSFLKELLFRIN
 RLDLLITYLNTRKEEMERELQTPGRAQISAYRFHFCRMSWAEANSQCQTQSVPFWRVDHLLIRVMLYQI
 SEEVSRSELRSFKFLQEEISKCKLDDMNLLDIFIEMEKRVILGEGKLDILKRVCAQINKSLLKIINDY
 EEFSKGEELCGVMTISDSPREQDSESQTLKVVYQMKSKPRGYCLINNHNFAKAREKVPKLHSIRDRNGT
 HLDAGALTTTTFEELHFEIKPHDDCTVEQIYEILKIYQLMDHSNMDFICCIILSHGDKGIIYGTGQEA
 PIYELTSQFTGLKCPSLAGPKPVFFIQACQGDNYQKIPVETDSEEQPYLEMDLSSPQTRYIPDEADFLGM
 ATVNVCVSYRNPAGEWTYIQLCQSLRERCPRGDDILITLVNVEVSNKDDKKNMGKQMPQPTFTLRKK
 LVFPSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001228

ORF Size:

1488 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_001228.3</u>
RefSeq Size:	2894 bp
RefSeq ORF:	1491 bp
Locus ID:	841
UniProt ID:	<u>Q14790</u>
Cytogenetics:	2q33.1
MW:	57.5 kDa