

Product datasheet for **RC200669A1V**

Human Caspase 2 (CASP2) (NM_032982) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Caspase 2 (CASP2) (NM_032982) AAV Particle
Tag:	Myc-DDK
Symbol:	Caspase 2
Synonyms:	CASP-2; ICH1; NEDD-2; NEDD2; PPP1R57
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200669 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCGCCGAGCGCGGGTCTTGGTCCACCTTCCAGCACAAGGAGCTGATGGCCGCTGACAGGGGAC
 GCAGGATATTGGGAGTGTGTGGCATGCATCCTCATCATCAGGAACTCTAAAAAGAACCGAGTGGTGT
 AGCCAAACAGCTGTTGTTGAGCGAATTATTAGAACATCTTCTGGAGAAGGACATCATCACCTTGGAAATG
 AGGGAGCTCATCCAGGCCAAAGTGGCAGTTTCAGCCAGAATGTGGAACCTCTCAACTTCTGCTGCTAAGA
 GGGGTCCCAAGCTTTTGTGCTTCTGTGAAGCACTGAGGGAGACCAAGCAAGGCCACCTGGAGGATAT
 GTTGCTCACCACCCTTCTGGGCTTCTGAGTACTCCACCCTTCTGAGTGTGACTACGACTTGTGCTCTC
 CCTTTCCGGTGTGTGAGTCTGTCCCTTTACAAGAAGCTCCGCCTGTCGACAGATACTGTGGAACACT
 CCCTAGACAATAAAGATGGTCTCTCTGCCTTCAGGTGAAGCCTTGCCTCTGAATTTTATCAAACACA
 CTTCCAGCTGGCATAATAGTTGCAGTCTCGGCCTCGTGGCCTAGCACTGGTGTGAGCAATGTGCACTTC
 ACTGGAGAGAAAGAACTGGAATTCGCTCTGGAGGGGATGTGGACCACAGTACTCTAGTACCCTCTTCA
 AGCTTTTGGGCTATGACGTCCATGTTCTATGTGACCAGACTGCACAGGAATGCAAGAGAACTGCAGAA
 TTTTGCACAGTTACCTGCACACCGAGTACGGACTCCTGCATCGTGGCACTCCTCTCGCATGGTGTGGAG
 GGCGCCATCTATGGTGTGGATGGGAACTGCTCCAGCTCCAAGAGGTTTTTTCAGCTCTTTGACAACGCCA
 ACTGCCAAGCCTACAGAACAACCAAAAATGTTCTTCCATCCAGGCCTGCCGTGGAGATGAGACTGATCG
 TGGGGTTGACCAACAAGATGGAAGAACCACGCAGGATCCCTGGGTGCGAGGAGAGTGTGCCGGTAAA
 GAAAAGTTGCCAAGATGAGACTGCCACGCGCTCAGACATGATGCGGCTATGCCTGCCTCAAAGGGA
 CTGCCCATGCGGAACCAACGAGGTTCTGGTACATCGAGGCTCTTGTCAAGTGTCTTCTGAGCG
 GGCTTGTGATATGCACGTGGCCGACATGCTGGTTAAGGTGAACGCATTATCAAGGATCGGGAAGGTTAT
 GCTCCTGGCACAGAATCCACCGGTGCAAGGAGATGTCTGAATACTGCAGCACTCTGTGCCGCCACCTCT
 ACCTGTTCCAGGACACCCTCCACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200669 protein sequence
 Red=Cloning site Green=Tags(s)

MAAPSAGSWSTFQHKELMAADRGRRIILGVCGMHPHQETLKKNRVVLAKQLLLSELLEHLLKDIITLEM
 RELIQAKVGSFSQNVLLNLLPKRGPQAFDAFCEALRETKQGHLEDMLLTTL SGLQHVLPPLSCDYDL SL
 PFPVCECPL YKKLRLSTDTVEHSLDNKDGPLCLQVKPCTPEFYQTHFQLAYRLQSRPRGLALVLSNVHF
 TGEKELEFRSGGDVDHSTLVTLFKLLGYDVHVLCDQTAQEMQEKLQNF AQLPAHRVTDSCIVALLSHGVE
 GAIYGVDKLLQLQEVFQLFDNANCP SLQNKPKMFFIQACRGDETD RGVDDQDGKNHAGSPGCEESDAGK
 EKLPKMRLPTRSDMICGYACLKGTAA MRNTRKGSWYIEALAQVFSERACDMHVADMLVKVNALIKDREGY
 APGTEFHRCKEMSEYCS TLRHLYLFPGHPPT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_032982

ORF Size:

1356 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_032982.2</u>
RefSeq Size:	4242 bp
RefSeq ORF:	1359 bp
Locus ID:	835
UniProt ID:	<u>P42575</u>
Cytogenetics:	7q34
MW:	50.7 kDa