

Product datasheet for **RC205373A1V**

Human cIAP1 (BIRC2) (NM_001166) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human cIAP1 (BIRC2) (NM_001166) AAV Particle
Tag:	Myc-DDK
Symbol:	BIRC2
Synonyms:	API1; c-IAP1; cIAP1; Hiap-2; HIAP2; MIHB; RNF48
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205373 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCACAAAACCTGCCTCCCAAGACTTTTCCCAGGTCCCTCGTATCAAAACATTAAGAGTATAATGGAAG
 ATAGCACGATCTTGTGAGATTGGACAAACAGCAACAAACAAAAATGAAGTATGACTTTTCTGTGAACT
 CTACAGAAATGTCTACATATTCAACTTTCCCGCCGGGTGCCTGTCTCAGAAAGGAGTCTTGCTCGTGCT
 GGTTTTTATTATACTGGTGTGAATGACAAGGTCAAATGCTTCTGTTGTGGCCTGATGCTGGATAACTGGA
 AACTAGGAGACAGTCTATTCAAAGCATAAACAGCTATATCCTAGCTGTAGCTTTATTACAGAACTGGT
 TTCAGCTAGTCTGGATCCACCTCTAAGAATACGTCTCAATGAGAAACAGTTTTGCACATTCATTATCT
 CCCACCTTGGACATAGTAGCTTGTTCAGTGGTCTTACTCCAGCCTTTCTCAAACCTCTTAATTCTA
 GAGCAGTTGAAGACATCTTTCATCGAGGACTAACCCCTACAGTTATGCAATGAGTACTGAAGAAGCCAG
 ATTTCTTACCTACCATATGTGGCCATTAACTTTTTGTCAACATCAGAATTGGCAAGAGCTGGTTTTTAT
 TATATAGGACCTGGAGATAGGGTAGCCTGCTTTGCCTGTGGTGGGAAGCTCAGTAACCTGGGAACCAAAGG
 ATGATGCTATGTCAGAACACCGGAGGCATTTTCCCAACTGTCCATTTTGGAAAAATCTCTAGAACTCT
 GAGGTTTAGCATTTCAAATCTGAGCATGCAGACACATGCAGCTCGAATGAGAACATTTATGTAAGTGGCCA
 TCTAGTGTTCCAGTTCAGCCTGAGCAGCTTGAAGTGTGGTTTTTATTATGTGGGTGCGCAATGATGATG
 TCAATGCTTTTGTGTGATGGTGGCTTGAGGTGTGGGAATCTGGAGATGATCCATGGGTAGAACATGC
 CAAGTGGTTTCCAAGGTGTGAGTCTTGATACGAATGAAAGGCCAAGAGTTTGTGATGAGATTCAGGT
 AGATATCTCATCTTCTTGAACAGCTGTTGTCAACTTCAGATACCACTGGAGAAGAAAAATGCTGACCCAC
 CAATTATTCATTTGGACCTGGAGAAAGTTCTCAGAAGATGCTGTCATGATGAATACACCTGTGGTTAA
 ATCTGCCTTGGAAATGGGCTTTAATAGAGACCTGGTGAACAAACAGTTCAAAGTAAAAATCCTGACAACT
 GGAGAGAACTATAAAACAGTTAATGATATTGTGTGAGCACTTCTTAATGCTGAAGATGAAAAAGAGAAG
 AGGAGAAGGAAAAACAAGCTGAAGAAATGGCATCAGATGATTTGTCAATTCGGAAGAACAGAAATGGC
 TCTCTTCAACAATTGACATGTGTGCTTCTATCTGGATAATCTTTAAAGGCCAATGTAATTAATAAA
 CAGGAACATGATATTATTAACAAAAACACAGATACCTTTACAAGCGAGAGAACTGATTGATACCATTT
 TGGTTAAAGGAAATGCTGCGGCCAACATCTTCAAAACTGTCTAAAAGAAATTGACTCTACATTGTATAA
 GAACTATTTGTGGATAAGAATATGAAGTATATCCAACAGAAGATGTTTCAGGTCTGTCACTGGAAGAA
 CAATTGAGGAGTTGCAAGAAGAACGAATTGTAAAGTGTGTATGGACAAAGAAGTTTCTGTTGATTTA
 TTCCTTGTGGTATCTGGTAGTATGCCAGGAATGTGCCCTTCTCTAAGAAAATGCCCTATTTGCAGGGG
 TATAATCAAGGTAAGTGTCTGATCTCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205373 protein sequence
 Red=Cloning site Green=Tags(s)

MHKTASQRLFPGPSYQNIKSIMEDSTILSDWTNSNKQKMKYDFSCELYRMSTYSTFPAGVPVSESLARA
 GFYYTGVDNKVKCFCCGLMLDNWKLGDSPIQKHQQLYPSCSFIQNLVSASLGSTSKNTSPMRNSFAHSL
 PTLEHSSLFSGSYSSLSPNPLNSRAVEDISSRTNPYSYAMSTEEARFLTYHWWPLTFLSPSELARAGFY
 YIGPGDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPFLENSLETLRFSISNLSMQTHAARMRTFMYWP
 SSVPVQPEQLASAGFYVGRNDDVKCFCCDGLRCWESGDDPWVEHAKWFPRCEFLIRMKGQEFVDEIQG
 RYPHLLQLLSTSDTTGEENADPPIIHFGPGESSEDAVMNTPVVKSALEMGNRDLVKQTVQSKILTT
 GENYKTVNDIVSALLNAEDEKREEEKEKQAEEMASDDLIRKNRMALFQQLTCVLPILDNLLKANVINK
 QEHDIKQKTQIPLQARELIDTILVKGNAAANIFKNCLKEIDSTLYKNLFVDKNMKYIPTEDVSGLSLEE
 QLRLRQEERTCKVCMDEKVSFVIFPCGHLVVCQECAPSLRKCPICRGIKGTVRTFLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001166
ORF Size:	1854 bp
Buffer:	PBS with 0.001% Pluronic F5695
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_001166.3</u>
RefSeq Size:	3813 bp
RefSeq ORF:	1857 bp
Locus ID:	329
UniProt ID:	<u>Q13490</u>
Cytogenetics:	11q22.2
MW:	69.9 kDa