

Product datasheet for **RC214216A1V**

Human BIN1 (NM_139343) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BIN1 (NM_139343) AAV Particle
Tag:	Myc-DDK
Symbol:	BIN1
Synonyms:	AMPH2; AMPHL; CNM2; SH3P9
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214216 representing NM_139343
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCAGAGATGGGCAGTAAAGGGGTGACGGCGGGAAGATCGCCAGCAACGTGCAGAAGAAGCTCACCC
 GCGCGCAGGAGAAGGTTCTCCAGAAGCTGGGAAGGCAGATGAGACCAAGGATGAGCAGTTTGAGCAGTG
 CGTCCAGAATTTCAACAAGCAGCTGACGGAGGGCACCCGGCTGCAGAAGGATCTCCGGACCTACCTGGCC
 TCCGTCAAAGCCATGCACGAGGCTTCCAAGAAGCTGAATGAGTGTCTGCAGGAGGTGTATGAGCCCGATT
 GGCCCGGCAGGGATGAGGCAACAAGATCGCAGAGAACAACGACCTGCTGTGGATGGATTACCACCAGAA
 GCTGGTGGACAGGCGCTGTGACCATGGACACGTACCTGGGCCAGTTCCCGACATCAAGTCACGCATT
 GCCAAGCGGGGCGCAAGCTGGTGGACTACGACAGTCCCGGCACCACTACGAGTCCCTTCAAACCGCCA
 AAAAGAAGGATGAAGCCAAAATTGCCAAGCCTGTCTCGCTGCTTGAGAAAGCCGCCCCCAGTGGTGCCA
 AGGCAAACTGCAGGCTCATCTCGTAGCTCAAATAACCTGCTCCGAAATCAGGCCGAGGAGGAGCTCATC
 AAAGCCCAGAAGGTGTTTGAGGAGATGAATGTGGATCTGCAGGAGGAGCTGCCGTCCCTGTGGAACAGCC
 GCGTAGGTTTCTACGTCAACACGTTCCAGAGCATCGCGGGCCTGGAGGAAAATTCACACAAGGAGATGAG
 CAAGCTCAACCAGAACCTCAATGATGTGCTGGTCGGCCTGGAGAAGCAACACGGGAGCAACACCTTCACG
 GTCAAGGCCCAGCCCAGTGACAACGCGCCTGCAAAAGGGAACAAGAGCCCTTCGCCTCCAGATGGCTCCC
 CTGCCGCCACCCCGAGATCAGAGTCAACCACGAGCCAGAGCCGGCTGGCGGGGCCACGCCCCGGGCCAC
 CCTCCCAAGTCCCCATCTCAGTCCGGAAGGCCACCAGTCCCTCCGCCTCCCAAACACACCCCGTCC
 AAGGAAGTCAAGCAGGAGCAGATCCTCAGCCTGTTTGAGGACAGTGTGCTCCCTGAGATCAGCGTGACCA
 CCCCCCTCCAGTTTGAGGCCCGGGGCCCTTTCTCGGAGCAGGCCAGTCTGCTGGACCTGGACTTTGACCC
 CCTCCCGCCCGTGACGAGCCCTGTGAAGGCACCCACGCCCTCTGGTCAGTCAATTCTTGGGACCTCTGG
 GAGCCACAGAGAGTCCAGCCGCGCAGCCTGCCTTCCGGGAGGCCAGCGCTGCCGAGGGACCTTTGCTG
 TGTCTGGCCCAGCCAGACGGCCGAGCCGGGGCCTGCCAACCAGCAGAGGCCTCGGAGGTGGCGGGTGG
 GACCAACCTGCGGCTGGAGCCAGGAGCCAGGGGAGACGGCGGCAAGTGAAGCAGCCTCCAGCTCTCTT
 CCTGCTGCTGTTGGTGGAGACCTCCCAGCAACTGTGAATGGCACCGTGGAGGGCGGCAGTGGGGCCGGC
 GCTTGGACCTGCCCCAGGTTTCATGTTCAAGGTACAGGCCCAGCAGCTACACGGCCACTGACACAGA
 CGAGCTGCAGCTCAAGGCTGGTGTGTTGCTGGTGTATCCCTTCCAGAACCCTGAAGAGCAGGATGAA
 GGCTGGCTCATGGCGTGAAGGAGAGCGACTGGAACCAGCACAGGAGCTGGAGAAGTGGCGTGGCTCT
 TCCCGAGAATTCAGTGAAGGGTCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAEMSGKGVTAGKIASNVQKKLTRAQEKVLQKLGADETKDEQFEQCVQNFNKLTEGTRLQKDLRTYLA
 SVKAMHEASKKLECLQEVYEPDWPGRDEANKIAENNDLLWMDYHQKLVQDALLTMDTYLGQFPDIKSRI
 AKRGRKLVDYDSARHHYESLQTAKKKDEAKIAKPVSLLEKAAPQWCQGLQAHVLAQTNLLRNQAEELI
 KAQKVFEEMNVDLQEELPSLWNSRVGFYVNTFQSIAGLEENFHKEMSKLNQNLNDVLVGLEKQHGSENTFT
 VKAQPSDNAPAKGNKSPSPDGSPAATPEIRVNHEPEPAGGATPGATLPKSPSQLRKGPPVPPPKHTPS
 KEVKQEILSLFEDTFVPEISVTTSPQFEAPGPFSEQASLLDLDFDPLPPVTSPVKAPTPSGQSIQWDLW
 EPTESPAAGSLPSGEPSSAEGTFVSWSPQTAEPGPAQPAEASEVAGGTQPAAGAQEPGETAASEAASSSL
 PAVVVFETFPATVNGTVEGGSGAGRLDLPFGFMFKVQAQHDYTATDDELQLKAGDVVLVIPFQNPPEEQDE
 GWLMGVKESDWNQHKLEKCRGVFPENFTEVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_139343
ORF Size:	1779 bp
Buffer:	PBS with 0.001% Pluronic F7172
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_139343.1</u>
RefSeq Size:	2637 bp
RefSeq ORF:	1782 bp
Locus ID:	274
UniProt ID:	<u>O00499</u>
Cytogenetics:	2q14.3
MW:	64.5 kDa