

Product datasheet for **RC220585A1V**

Human BIN1 (NM_139344) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BIN1 (NM_139344) 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:**

>RC220585 representing NM_139344
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCAGAGATGGGCAGTAAAGGGGTGACGGCGGGAAGATCGCCAGCAACGTGCAGAAGAAGCTCACCC
 GCGCGCAGGAGAAGGTTCTCCAGAAGCTGGGGAAGGCAGATGAGACCAAGGATGAGCAGTTTGGCAGTG
 CGTCCAGAATTTCAACAAGCAGCTGACGGAGGGCACCCGGCTGCAGAAGGATCTCCGGACCTACCTGGCC
 TCCGTCAAAGCCATGCACGAGGCTTCCAAGAAGCTGAATGAGTGTCTGCAGGAGGTGATGAGCCCGATT
 GGCCCGCAGGGATGAGGCAACAAGATCGCAGAGAACAACGACCTGCTGTGGATGGATTACCACCAGAA
 GCTGGTGGACAGGCGCTGTGACCATGGACACGTACCTGGGCCAGTTCCCCGACATCAAGTCACGCATT
 GCCAAGCGGGGCGCAAGCTGGTGGACTACGACAGTGGCCGACCACTACGAGTCCCTTCAAACGCCA
 AAAAGAAGGATGAAGCCAAAATTGCCAAGCCTGTCTCGCTGCTTGAGAAAGCCGCCCCAGTGGTGCCA
 AGGCAAACTGCAGGCTCATCTCGTAGCTCAAATAACCTGCTCCGAAATCAGGCCGAGGAGGAGCTCATC
 AAAGCCCAGAAGGTGTTTGAGGAGATGAATGTGGATCTGCAGGAGGAGCTGCCGTCCCTGTGGAACAGCC
 GCGTAGGTTTCTACGTCAACACGTTCCAGAGCATCGCGGGCTGGAGGAAAATTCACACAAGGAGATGAG
 CAAGCTCAACCAGAACCTCAATGATGTGCTGGTCGGCCTGGAGAAGCAACACGGGAGCAACACCTTCACG
 GTCAAGGCCCAGCCAGTGACAACGCGCTGCAAAAGGGAACAAGAGCCCTTCGCTCCAGATGGCTCCC
 CTGCCGCCACCCCGAGATCAGAGTCAACCACGAGCCAGAGCCGGCTGGCGGGGCCACGCCCGGGGCCAC
 CCTCCCAAGTCCCATCTCAGTTTGAGGCCCGGGGCCCTTCTCGGAGCAGGCCAGTCTGCTGGACCTG
 GACTTTGACCCCTCCCGCCCGTGACGAGCCCTGTGAAGGCACCCACGCCCTCTGGTCAGTCAATTCTCT
 GGGACCTCTGGGAGCCACAGAGAGTCCAGCCGCGAGCTGCCTTCCGGGAGCCAGCGCTGCCGAGGG
 CACCTTTGCTGTGTCTTGGCCACGACGCGCCGAGCCGGGGCTGCCAACCAGCAGAGGCCCTCGGAG
 GTGGCGGTGGGACCAACCTGCGGCTGGAGCCAGGAGCCAGGGGAGACGGCGCAAGTGAAGCAGCCT
 CCAGCTCTCTTCTGCTGTGCTGGTGGAGACCTTCCAGCAACTGTGAATGGCACCCTGGAGGGCGGCGAG
 TGGGGCCGGGCTTGGACCTGCCCCAGGTTTCATGTTCAAGGTACAGGCCAGCAGCTACACGGCC
 ACTGACACAGACGAGCTGCAGCTCAAGGCTGGTGTGTTGCTGGTGTGCTGCTTCCAGAACCTGAAG
 AGCAGGATGAAGGCTGGCTCATGGCGTGAAGGAGAGCGACTGGAACCAGCACAAGGAGCTGGAGAAGTG
 CCGTGGCGTCTTCCCGAGAATTCAGTGAGAGGTCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAEMSGKGVTAGKIASNVQKKLTRAQEKVLQKLGKADETKDEQFEQCVQNFNKQLTEGTRLQKDLRTYLA
 SVKAMHEASKKLNELQEVYEPDWPGRDEANKIAENNDLLWMDYHQKLVQALLTMDTYLGQFPDIKSRI
 AKRGRKLVYDYSARHHYESLQTAKKKDEAKIAKPVSLLEKAAPQWCQKGLQAHLVAQTNLLRNQAEELI
 KAQKVFEEMNVDLQEELPSLWNSRVGFYVNTFQSIAGLEENFHKEMSKLNQNLNDVLVGLEKQHGNTFT
 VKAQPSDNAPAKGNKSPSPDGSPAATPEIRVNHEPEPAGGATPGATLPKSPSQFEAPGPFSEQASLLDL
 DFDPLPPVTSPVKAPTPSGQSIIPWDLWEPTESPAAGSLPSGEPSSAAEGTFVSWPSQTAEPGPAQPAEASE
 VAGGTQPAAGAEQEPGETAASEAASSSLPAVVVETFPATVNGTVEGGSGAGRLDLPFGFMFKVQAQHDYTA
 TDTDELQLKAGDVVLVIPFQNPPEEQDEGWLGMVKESDWNQHKLEKCRGVFPENF TERVP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_139344

ORF Size:	1650 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_139344.1</u>
RefSeq Size:	2508 bp
RefSeq ORF:	1653 bp
Locus ID:	274
UniProt ID:	<u>O00499</u>
Cytogenetics:	2q14.3
MW:	59.8 kDa