

## Product datasheet for **MR207643A1V**

### Mouse Bin1 (NM\_001083334) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Bin1 (NM_001083334) AAV Particle
Tag:	Myc-DDK
Symbol:	Bin1
Synonyms:	ALP-1; Amph1; BRAMP-2; SH3P9
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR207643 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAGAGATGGGGAGCAAGGGGGTGACGGCGGGGAAGATCGCCAGCAACGTACAGAAGAAGCTGACCC  
 GAGCGCAGGAGAAGGTCTGCAGAACTGGGGAAGGCGGACGAGACGAAGGACGAGCAGTTTGGCAGTG  
 TGTCCAGAACTTCAATAAGCAGCTGACAGAGGGTACCCGGCTGCAGAAGGATCTTCGGACCTATCTGGCT  
 TCTGTTAAAGCGATGCACGAAGCCTCCAAGAAGCTGAGTGAGTGTCTTCAGGAGGTGATGAGCCCGAGT  
 GGCCTGGCAGGGATGAAGCAAACAAGATTGCAGAGAACAATGACCTACTCTGGATGGACTACCACCAGAA  
 GCTGGTGGACCAGGCTCTGCTGACCATGGACACCTACCTAGGCCAGTTCCCTGATATCAAGTCGCGCATT  
 GCCAAGCGGGGCGGAAGCTGGTGGACTATGACAGTGCCCGGACCACCTATGAGTCTCTTCAAACCGCCA  
 AAAAGAAGGATGAAGCCAAAATTGCCAAGGCAGAAGAGGAGCTCATCAAAGCCAGAAGGTGTTGAGGA  
 GATGAACGTGGATCTGCAGGAGGAGCTGCCATCCCTGTGGAACAGCCGTGTAGGTTTCTATGTCAACACG  
 TTCCAGAGCATCGCGGGTCTGGAGGAAAACCTCCATAAAGAGATGAGTAAGCTCAATCAGAACCTCAATG  
 ATGTCCTGGTCAGCCTAGAGAAGCAGCACGGGAGCAACACCTTACAGTCAAGGCCCAACCCAGTGACAA  
 TGCCCCCTGAGAAAGGGAACAAGAGCCCGTACCTCCTCCAGATGGCTCCCTGCTGCTACCCCTGAGATC  
 AGAGTGAACCATGAGCCAGAGCCGGCCAGTGGGGCCTCACCCGGGGTACCATCCCCAAGTCCCCATCTC  
 AGCTCCGGAAGGCCACCTGTCCCTCCGCCTCCCAAACACCCCCATCCAAGGAGATGAAGCAGGAGCA  
 GATTCTCAGCCTTTTTGATGACGCAATTTGTCCTGAGATCAGCGTGACCACCCCTCCAGCCAGCAGAG  
 GCCTCCGAGGTGGTGGTGGAGCCAGGAGCCAGGGGAGACAGCAGCCAGTGAAGCAACCTCCAGCTCTC  
 TTCCGGCTGGTGGTGGAGACCTTCTCCGCAACTGTGAATGGGGCGGTGGAGGGCAGCGCTGGGACTGG  
 ACGCTTGACCTGCCCGGGATTCAATGTTCAAGGTTCAAGCCAGCATGATTACACGGCCACTGACACT  
 GATGAGCTGCAACTCAAAGCTGGCGATGTGGTGTGGTATTCTTTCCAGAACCAGAGGAGCAGGATG  
 AAGGCTGGCTCATGGGTGTGAAGGAGAGCGACTGGAATCAGCACAAAGGAAGTGGAGAAATGCCGCGCGT  
 CTTCCCGGAGAATTTTACAGAGCGGGTGCAG

**ACGCGT**ACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207643 protein sequence  
 Red=Cloning site Green=Tags(s)

MAEMSGKGVTAGKIASNVQKKLTRAQEKVLQKLGKADETKDEQFEQCVQNFNKQLTEGTRLQKDLRXYLA  
 SVKAMHEASKKLSECLQEVYEPWPRDEANKIAENNDLLWMDYHQKLVQALLTMDTYLQGFDPDIKSRI  
 AKRGRKLVYDSARHHYESLQAKKKDEAKIAKAEELIKAQKVFEEENVDLQEELPSLWNSRVGFVNT  
 FQSIAGLEENFHKEMSKLNQNLNDVLSLEKQHGSNFTVKAQPSDNAPEKGNKSPSPPDGSPAATPEI  
 RVNHEPEPASGASPGATIPKSPSQLRKPPVPPPKHTPSKEMKQEILSLFDDAFVPEISVTTPSQPAE  
 ASEVVGGAQEPGETAASEATSSSLPAVVVETFSATVNGAVEGSAGTGRLDLPFGFMFKVQAQHDYATDT  
 DELQLKAGDVVLVIPFNPEEQDEGWLGVKESDWNQHKLEKCRGVFPENFTRVQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_001083334

**ORF Size:**

1434 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_001083334.1, NP_001076803.1</u>
<b>RefSeq Size:</b>	2135 bp
<b>RefSeq ORF:</b>	1434 bp
<b>Locus ID:</b>	30948
<b>Cytogenetics:</b>	18 18.01 cM
<b>MW:</b>	52.8 kDa