

Product datasheet for **MR230484A1V**

Mouse Mon1b (NM_173015) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mon1b (NM_173015) AAV Particle
Tag:	Myc-DDK
Symbol:	Mon1b
Synonyms:	5031407H10; 5033413H12Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR230484 representing NM_173015
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGCCGGAGGAGATAATGTGCTCCAGCCCCGGGGCGTGGAGGACTTGGTGACACGCAGTTCC
 CCAGAGAGGAGGCTGGAGACAGTGAAGGGTTACGCAAGCACGCTGGATCCCGGAGATGGGACCCGGA
 GGACACAGGATCCAAGGACCAGCCATCCAGCCTCTATCACCTCTGCCTCAGACTGAGGCTGCATCAAGC
 ACCTGTGAGCACTGGGAACTGCAGCAGCCTCAGACAGCAGCCCCCGGAGAACCTGAGAGTAACTCTG
 AGGGTCAGGGAGAAGACCCCGACGATGGGGGGACCCAGTGACGAGGACTGGCGCAGCCAGCGGAAGCA
 CGTGTTCTGTGCTGAGTGAGGCAGGCAAGCCATCTACTCACGGTACGGTAGCGTGGAGGCACTGTCGGCC
 ACCATGGGGGTGATGACAGCCCTGGTGTCTTTGTGCAGAGTGCAGGAGACGCCATCCGTGCCATCTATG
 CTGAGGATCACAAGCTGGTGTCTCTGCAGCAGGCTCCACTCCTGCTCGTGGCTGTGTCCCGGACTCCACA
 GTCTGCAGCACAGCTACGAGGTGAAGTCTGTGTACACGCCAAATTTGTGAGCACACTAACCGCTGCA
 AGCGTGGCCCGCATCTTCGCACATAAGCAGAATATGACTCCGTCGCCTGTTGGCCGGCTCAGAGCGCA
 CACTGGACCGGCTCTTGACAGTGTGGAGCAAGACCCGGGCGCCCTGCTCCTGGGCGCTGTGCGCTGTGT
 GCCTCTGGCCCGTCCACTGCGGGATGCCCTGGGCACACTACTGCGGCGCTGTACAGCCCCAGGCCTGGCC
 TTGTCACTGCTGGCTGTTGGCGGTGACTGATAACCGTGGCCAGGAGAGGAATGTGCTGGCGGAGTGCC
 GGCTGGACCCTGCTGATCTACAGTTGCTGCTTGACTGGGTGGGTGCACCAGCCTTCGCGGCAGGTGAAGC
 ATGGGCACCTGTGTGCCTGCCTCGCTTAAACCCAGATGGTTTCTTCTATGCCTATGTGGCCCGCTGGAT
 TCCATGCCCGTCTGCCTGCTGCTGCTTGGTACCAACCGTGAAGCCTTCCATGCCATGGCCGCTGCCGGC
 GCTTAGTTGAAGATGGGATGCACAACCTTGGTGCCTGCGTACTCTTGGGGAGGCTGCCAACTTCTTAA
 TGGCCACGACGCCAGTGCCCGCCTACAGTGTGCAGGCTGTGGGAGCCCTGGCTCCGGCATTCTCTC
 TATAAGCCACTGGATATCCCTGAACAACCCGCCAGCTGCCACAGTTTACCAGTCCCAGCTAGAGGCC
 CATAACGAGAGGAAGAGCGACAGCGACTGTCAGACTTGTATCACCGCCTGCATGCTCGCCTCCACAG
 CACCTCCCGGCCCTGCGCCTCATTTACCACGTGGCTGAGAAAGAGACGCTGCTGGCTTGGGTGACTTCC
 AAGTTTGAAGTCTATACTTGCCTCAGCCCCCTGGTAAACCAAGGCTGGTGCATCTTAGTAGTGACGAAGC
 TCTTGCCTGGGTAAAGGAAGGAAGAGGACCGGCTTTTCATCCGTTACCCACCAAATACTCCACACCCCC
 ATCCACCTCGGCGGACCAGGCCCAACAATGGCTTGTTCACAGGACTC

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEAGDNAVPAVGGVEDLVDTQFPREEAGDSERVHASTLDPGDGDPEDTGSKDQPSSLLSPLPQTEAASS
 TCEHWETAASDSSPPGEPESNSEGQGEDPDDGGDPDEEDWRSQRKHVFLSEAGKPIYSRYGSVEALSA
 TMGVMTALVSFVQSAGDAIRAIYAEDHKLVLQGGPLLLVAVSRTQSAALRGELLAVHAQIVSTLTRA
 SVARIFAHKQNYDLRLLLAGSERTLDRLLDSVEQDPGALLLGAVRCVPLARPLRDALGTLRRCRTPGLA
 LSVLAVGGRLITVAQERNVLAECRLDPADLQLLLDWVGAPAFAGEAWAPVCLPRFNPDFFFYAYVARLD
 SMPVCLLLLGTNREAFHMAACRRLVEDGMHNLGALRTLGEAANFNGPAASAPAYSVQAVGAPGLRHFL
 YKPLDIPEQHRQLPQFTSPELEAPYSREEERQLSDLYHRLHARLHSTSRPLRLIYHVAEKETLLAWVTS
 KFELYTCLSPVTKAGAILVVTKLLRWRKEEDRLFIRYPPKYSTPPSTADQAPNNGLFTGL

SGP**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_173015

ORF Size:	1659 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_173015.3</u> , <u>NP_766603.1</u>
RefSeq Size:	5047 bp
RefSeq ORF:	1662 bp
Locus ID:	270096
UniProt ID:	<u>Q8BMQ8</u>
Cytogenetics:	8 E1
MW:	60 kDa