

Product datasheet for **RC202860A1V**

Human BAG3 (NM_004281) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BAG3 (NM_004281) AAV Particle
Tag:	Myc-DDK
Symbol:	BAG3
Synonyms:	BAG-3; BIS; CAIR-1; MFM6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202860 representing NM_004281
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGCGCCGCCACCACTCGCCATGATGCAGGTGGCGTCCGGCAACGGTGACCGCGACCCCTTTGCCCC
 CCGGATGGGAGATCAAGATCGACCCGACAGCCGGCTGGCCCTTCTTCGTGGACCAACAGCCGACAC
 TACGTGAACGACCCGCGCTGCCCTCTGAGGGCCCAAGGAGACTCCATCCTCTGCCAATGGCCCTTCC
 CGGGAGGGCTCTAGGCTGCCGCTGCTAGGGAAGGCCACCCTGTGTACCCCGAGCTCCGACGAGCTACA
 TTCCCATTCCTGTGCTCCATGAAGGCGCTGAGAACCGGAGGTGCACCCCTTCCATGTCTATCCCGAGCC
 TGGGATGCAGCGATTCCGAAGTGAAGGCGGAGGAGGCTCCTCAGAGGTCCAGTCACCTCTGCGGGGC
 ATGCCAGAAACCACTCAGCCAGATAAACAGTGTGGACAGGTGGCAGCGGGCGGCGAGCCGACCCCGAG
 CCTCCACGAGCTGAGCGGTCCAGTCTCCAGCTGCCTCTGACTGCTCATCCTCATCCTCTCGGCCAG
 CCTGCCTTCTCCGGCAGGAGCAGCCTGGGAGTCACCAAGTCCCGGGGGTACATCTCCATTCGGGTG
 ATACACGAGCAGAACGTTACCCGGCCAGCAGCCAGCCCTCCTCCACCAAGCCAGAACGACGACTACC
 CAGCGCAGCAGGGGAGTACCAGACCCACCAGCCTGTGTACCACAAGATCCAGGGGGATGACTGGGAGCC
 CCGGCCCTGCGGGCGGCATCCCGTTAGGTCTGTCCAGGGTGCATCGAGCCGGGAGGGCTACCA
 GCCAGGAGCAGCAGCCACTCCACTCCCGCTCGCCATCCGTGTGCACACCGTGGTGCAGGCTCAGC
 AGCCCATGACCCATCGAGAACTGCACCTGTTTCCAGCCTGAAAACAAACAGAAAGTAAGCCAGGCCC
 AGTTGGACCAGAACTCCCTCTGGACACATCCCAATTCAGTGATCCGAAAGAGGTGGATTCTAAACCT
 GTTCCAGAGCCCGACCTCCCTCTGAGAAGGTAGAGGTGAAAGTTCCCGCTGCTCCAGTTCCTTGTC
 CTCCTCCAGCCCTGGCCCTTCTGCTGTCCCTCTTCCCAAGAGTGTGGCTACAGAAGAGAGGGCAGC
 CCCCAGCACTGCCCCCTGCAGAAGCTACACCTCCAAAACAGGAGAGCCGAGGCTCCCCCAAACATCCA
 GGAGTGTGAAAGTGAAAGCCATCCTGGAGAAGGTACAGGGGCTGGAGCAGGCTGTAGACAACCTTGAAG
 GCAAGAAGACTGACAAAAGTACCTGATGATCGAAGAGTATTTGACCAAGAGCTGCTGGCCCTGGATT
 AGTGGACCCCGAGGGACGAGCCGATGTGCGTCAAGGAGGAGAGAGCGGTGTAGGAAGGTTAGACCATC
 TTGGAAGAACTGAACAGAAAGCCATTGATGTCCAGGTCAAGTCCAGGTCTATGAAGTCCAGCCAGCA
 ACCTTGAAGCAGATCAGCCACTGCAGGCAATCATGGAGATGGGTGCCGTGGCAGCAGACAAGGGCAAGAA
 AATGTGGAATGCAGAAGATCCACACAGAAACCCAGCAGCCAGAAGCCACAGCAGCAGCGACTTCA
 AACCCAGCAGCATGACAGACACCCCTGGTAACCCAGCAGCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSAATHSPMMQVASNGDRDPLPPGWEIKIDPQTGWPFVVDHNSRTTWNDRVPSEGPKETPSSANGPS
 REGSRLPPAREGHPVYQLRPGYIPIVLEHGAENRQVHPFHVYPQPGMQRFRTAAAAAPQRSQSPLRG
 MPETTQPDKQCGQVAAAAAAPPASHGPERSQSPAASDCSSSSSSASLPSSGRSSLGSHQLPRGYISIPV
 IHEQNVTRPAAQPSFHQAQKTHYPAQQGEYQTHQPVYHKIQGDDWEPRPLRAASPFRSSVQGASSREGSP
 ARSSTPLHSPSPIRVHTVVDRPQQPMTHRETAPVSQPENKPKSGPVGPPELPPGHIPIQVIRKEVDSKP
 VSQKPPPSEKVEVKVPAPVPCPPSPGPSAVPSSPKSVATEERAAPSTAPAEATPPKPGEAEAPPKHP
 GVLKVEAILEKVQGLEQAVDNFEGKTDKKYLMIEEYLTKEALLDSVDPEGRADVRRARRDGVKRVQTI
 LEKLEQKAIDVPQGVQVYELQPSNLEADQPLQAIMEMGAVAADKGKKNAGNAEDPHTETQQPEATAAATS
 NPSSMTDTPGNPAAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_004281
ORF Size:	1725 bp
Buffer:	PBS with 0.001% Pluronic F5372
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_004281.3</u>
RefSeq Size:	2608 bp
RefSeq ORF:	1728 bp
Locus ID:	9531
UniProt ID:	<u>O95817</u>
Cytogenetics:	10q26.11
MW:	61.4 kDa