

Product datasheet for **RC207123A1V**

Human BLK (NM_001715) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BLK (NM_001715) AAV Particle
Tag:	Myc-DDK
Symbol:	BLK
Synonyms:	MODY11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207123 representing NM_001715
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCTGGTAAGTAGCAAAAAGCCGACAAGGAAAAGCCGATCAAAGAGAAGGACAAGGGCCAATGGA
 GCCCCCTGAAGGTCAGCGCCCAAGACAAGGACGCCCCGCACTGCCGCCCTGGTTGTCTTCAACCACCT
 TACTCCTCCACCGCCCGATGAACACCTGGATGAAGACAAGCATTTCGTGGTGGCTCTGTATGACTACACC
 GCTATGAATGATCGGGACCTGCAGATGCTGAAGGGGAGAAGCTACAGGTCTGAAGGGAAGTGGAGACT
 GGTGGCTGGCCAGGTCCTCGTCACAGGAAGAGAAGGCTATGTGCCAGTAACCTTTGTGGCCGAGTGGA
 GAGCCTGGAAATGAAAGGTGGTTCTTTAGATCACAGGTCGGAAGGAGGCTGAGAGGCAGCTTCTTGCT
 CCAATCAACAAGGCCGGCTCCTTTCTTATCAGAGAGAGTGAACCAACAAAGGTGCCTTCTCCCTGTCTG
 TGAAGGATGTCACCAACCGGGGAGCTGATCAAGCACTATAAGATCCGCTGCCTGGATGAAGGGGGCTA
 CTACATCTCCCCCGGATCACCTTCCCTCGCTCCAGGCCCTGGTGCAGCACTATTCTAAGAAGGGGGAT
 GGTCTATGCCAGAGGCTGACCCTGCCCTGTGTGCGCCCGCCCGCAGAATCCCTGGGCCAGGATGAAT
 GGGAGATCCCCCGGCAGTCTCTCAGGCTGGTCAGGAACTCGGGTCTGGACAATTCGGCGAAGTCTGGAT
 GGGTTACTACAAAACAACATGAAGGTGGCCATTAAGACGCTGAAGGAGGGAACCATGTCTCAGAAGCC
 TTTCTGGGTGAGGCCAACGTGATGAAGGCTCTGCAGCAGGCGGCTGGTCCGACTCTACGCAGTGGTCA
 CCAAGGAGCCCATCTACATTGTACCGAGTACATGGCCAGAGGATGCCTGCTGGATTCTCTGAAGACAGA
 TGAAGGAGCAGATTGCTACTCCCAAGGCTGATTGACATGTGCGCGCAGATTGCTGAAGGGATGGCATAC
 ATTGAGCGCATGAATTCATCCACCGCACCTGCGGGCGGCCAACATCCTGGTGTCTGAGGCCTTGTGCT
 GCAAAATTTGCTGATTTTGGCTTGGCTCGAATCATCGACAGTGAATACACGGCCCAAGAGGGGGCAAGTT
 CCCCATCAAGTGACAGCCCGGAAGCCATCCACTTCGGGGTCTTCAACCATCAAAGCAGACGTGTGGTCCG
 TTTGGAGTCTCCTGATGGAAGTTGTCACTTATGGGCGGGTGCATACCCAGGGATGAGCAACCCCGAGG
 TCATCCGAACCTGGAGCGGGCTACCGCATGCCGCGCCCGACACCTGCCCGCCCGAGCTGTACCGCGG
 CGTCATCGCCGAGTGTGGCGCAGCCGCGCCGAGGAGCGGCCACCTTCGAGTTCTGCAGTCGGTGTCTG
 GAGGACTTCTACACGGCCACCGAGCGGCAGTACGAGCTGCAGCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGLVSSKKPDKEKPIKEKDKGQWSPLKVSQDKDAPPLPPLVVFNHLTPPPPDEHLDEDKHFVVALYDYT
 AMNDRDLQMLKGEKLQVLKGTGDWWLARSLVTGREYVPSNFVARVESLEMERWFFRSQGRKEAERQLLA
 PINKAGSFLIRESETNKGAFLSVKDVTTQGELIKHYKIRCLDEGGYYISPRITFPSLQALVQHYSKKG
 GLCQRLTLPCVRPAPQNPWAQDEWEIPRQSLRLVRKLGSQGFGEVWMGYKNNMKVAIKTLKEGTMSPEA
 FLGEANVMKALQHERLVRLYAVVTKEPIYIVTEYMARGCLLDLKTDEGSRLSLPRLIDMSAQIAEGMAY
 IERMNSIHRDLRAANILVSEALCCKIADFGLARIIDSEYTAQEGAKFPIKWTAPAEIHFGVFTIKADVWS
 FGVLLMEVVTYGRVPYPGMSNPEVIRNLERGYRMPRPDTCPELYRGVIAECWRSRPEERPTFEFLQSVL
 EDFYTATERQYELQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001715

ORF Size:

1515 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_001715.2, NP_001706.2</u>
RefSeq Size:	2215 bp
RefSeq ORF:	1518 bp
Locus ID:	640
UniProt ID:	<u>P51451</u>
Cytogenetics:	8p23.1
MW:	57.7 kDa