

Product datasheet for **MR230303A1V**

Mouse Klc3 (NM_001286039) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Klc3 (NM_001286039) AAV Particle
Tag:	Myc-DDK
Symbol:	Klc3
Synonyms:	BC017147; Klct
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR230303 representing NM_001286039
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGTGCAGGTGGCAGCCCTGGAAGCACAGGGCTGGGCCAGAACCCCGAGGAGCTGG
 TCGGGCAGACAGCAGGTTGTACAGGGACTGGAGGCCCTGCGGGCCGAGCACCATAGTCTGGCTGGCA
 CCTGGCGGAGGCCCTGGCTGGACCAGGCCCTGTGGCTGGTGTGGAGCTGCTGGAAGAGAACAAGGTG
 GTGAACCACTCGCTGGAGGCCATCGAGCTGGGGCTGGGTGAGGCCAGGTGCTGCTGGCCCTGTCCGCAC
 ACGTGAGTGTGTGGAGGCTGAGAAGCAGAGGCTACGGGCACAGGCACGGAGGCTAGCCCAAGAGAACAC
 ATGGCTTCGAGAGGAGCTGGAGGAGACACAGAGGCGACTGCGGGCCAGCGAGGAGGCTGTGGCCAGCTG
 GAAGAGGAGAAGGCCACCTCCAGTTCCTGGGGCAGCTGAGGCAGTATGACCCGCCGAGGAGAGCCAGA
 GGCCCGAGTCCCCCTCGCCGAGACAGCTTGGCATCTCTGTTCCCACTGAAGAGGAGGAAAAGAAAGG
 TCCTGAGGCAGCAGGAGCAGCAGCCGCGCAGCAGGGTGGCTATGAGATCCAGCTCGTCTGCGGACCCTG
 CACAACCTGGTATCCAGTATGCTGGCCAGGGCCGCTATGAGGTGGCAGTTCCTTATGTGCGCCAGGCTC
 TGGAGGACCTGGAGCGGAGCTCGGGCCACTGCCATCCTGACGTGGCCACCATGCTCAACATCCTGGCACT
 CGTGTACAGGGACCAGAACAAATACAAGGAAGCTACGGAGCTTCTTACGACGCCCTGCAGATCCGGGAA
 CAGACGCTGGGTCTGAACACCTGCAGTGGCTGCCACCCTCAACAACCTGGCTGTCTCTATGAAAAAC
 GTGGACGTTACCGGGAGGCAGAACCCCTCTGCCAGCGTCTCTGGAGATCCGTGAGAAGGTCCTGGGTG
 AGACCACCTGATGTGGCCAAGCAGCTCAACAACCTGGCCCTACTGTGCCAGAACCAGGGCAAGTTTCAG
 GACGTGGAGCGGCACTATGCGCGGGCCCTGAGCATCTACGAGGCCCTGGGCGGCCACAGGACCCAAATG
 TGGCCAAGACTAAGAACAACCTGGCCTCAGCCTACCTGAAACAGAACAAAGTATCAGCAGGCAGAGGAGCT
 ATACAAGGAGATCCTCAGCCAGGAGGCCCTGCCGCCCACTTGGAGCCCCCAGGGAGGCACAGCAGGC
 GATACACAGCAGCAGGTCCTGCGCAGGAGCAGTTCCTTCTAAGCTCCGGGAATCCATCAGGCGAGGAA
 GCGAGAAGCTGGTCTCCCGCCTCCGAGGAGAGGGCATGGCAGGGGCTGCCGGATGAAGAGAGCCATGTC
 ACTCAATATGCTGAACGTGGATGGTCCCAGGGCTGCCCGACGCAGCTCTCCAGCTCTCAACCCGGCAC
 CTGAGTGAGGCCCTCGGACCCTGAGCATCAGCACACAAGATCTGAGCCCGCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230303 representing NM_001286039
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MSVQVAAPGSTGLGPERLNPEELVRQTRQVVQGLEALRAEHSLAGHLAEALAGPGPVAGVELLEEKQV
 VNHSLEAIELGLGEAQLLALSAHVSVLEAEKQRLRAQARRLAQENTWLREELEETQRRLRASEEAVAQL
 EEEKSHLQFLGQLRQYDPPEESQRPEPPRRDSLASFPEEEEEKKGPEAAGAAAQGGYEIPARLRTL
 HNLVIQYAGQGRYEVAVPLCRQALEDLERSSGHCHPDVATMLNILALVYRDQNKYKEATELLHDALQIRE
 QTLGPEHPAVAAATLNNLAVLYGKRGRYREAEP LQRALEIREKVLGADHPDVAKQLNNLALLCQNQKGFQ
 DVERHYARALSIYEALGGPQDPNVAKTKNNLASAYLKQNKYQAEELYKEILSQEALPAPL GAPQGGTAG
 DTQQVLRSSSF SKLRESIRRGSEKLVSRLRGEGMAGAAGMKRAMSLNMLNVDGPRAARTQLSQLSTRH
 LSEAPRTL S ISTQDLSPR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001286039

ORF Size:

1524 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_001286039.1</u> , <u>NP_001272968.1</u>
RefSeq Size:	1820 bp
RefSeq ORF:	1527 bp
Locus ID:	232943
UniProt ID:	<u>Q91W40</u>
Cytogenetics:	7 9.62 cM
MW:	56 kDa