

Product datasheet for **RC209427A1V**

Human KLC3 (NM_177417) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	KLC3
Synonyms:	KLC2; KLC2L; KLCT; KNS2B
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC209427 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCTGTGTCAGGTAGCGGCTCCTGGAAGTGCAGGGCTGGGCCAGAGCGCCTGAGCCCTGAGGAGCTGG
 TGGCGCAGACGCGCAAGTGGTCCAGGGGCTGGAGGCGCTGCGGGCAGAGCACCATGGCCTGGCTGGGCA
 CCTGGCGGAGGCCCTGGCGGACAGGGCCCGGACCGGCTTGGAGATGCTGGAGGAAAAGCAGCAGGTG
 GTGAGCCACTCGCTGGAGGCCATCGAGCTGGGGCTGGGCGAGGCCAGGTGCTGCTGGCCCTGTGCGCAC
 ATGTGGGTGCACTGGAGGCAGAGAAGCAGCGGCTGCGCTCGCAGGCCCGCGGCTGGCCAGGAGAAGCT
 GTGGCTGCGGGAGGAAGTGGAGGAGACGACGCGCGGCTTCGGGCCAGCAGGAGTCCGTGGCCAGCTG
 GAGGAGGAGAAGCGCCACCTGGAGTTCCTGGGCGAGCTGCGACAGTACGACCCACCGCGGAGAGCCAGC
 AGTCTGAGTCCCCGCTCGCCGAGACAGCCTGGCCTCCCTGTTCCCGAGCAGGAGGAGGAGAGGAAAGG
 TCCTGAGGCCGAGGAGCAGCAGCTGCTCAGCAGGGTGGCTATGAGATCCCTGCCCGCCTTCGGACCTG
 CATAACCTCGTGATCCAGTACGCGGGCAGGGCCGCTATGAGGTGGCGGTGCCTCTGTGCCGCCAGCGCT
 TGGAGGACCTGGAGCGCAGCTCGGGCCACTGCCACCCTGACGTGGCCACCATGCTCAACATCCTGGCGCT
 GGTGTACCGGGACCAAGAAGTACAAAGAAGCCACAGACCTTCTCCATGATGCCCTGCAGATCCGGGAG
 CAGACGCTGGGCCCTGAGCACCCCGGCTGGCGCCACGCTCAACAACCTGGCTGTCTCTATGGGAAGC
 GTGGCGCTTACCGGGAGGCAGAGCCCTGTGCCAGCGCGCTTGGAGATCCGAGAGAAGGTCTGGGTGC
 TGACCAACCCAGATGTGGCAAGCAGCTCAACAACCTGGCCCTGCTGTGCCAGAACCAGGGCAAGTTTGAG
 GACGTGGAGCGGCACTATGCCCGGGCCCTGAGCATCTATGAGGCACTGGCGGGCCCATGACCCCAACG
 TGGCCAAGACCAAGAACAACCTGGCCTCAGCCTACCTGAAACAGAACAGTATCAACAAGCGGAAGAGCT
 GTACAAAGAAATCCTCCACAAGGAGGACCTACCCGCCCTCTCGGTGCCCCCAACACAGGCACAGCTGGT
 GACGCAAGAACAGGCCCTTCGCGCAGCAGCTCACTCTCCAAGATCCGTGAGTCTATCAGGCAGGAAAGT
 AGAAGTGGTCTCCCGGCTCCGAGGCGAGGCGGCGGAGGAGCAGCCGAATGAAGAGAGCCATGTCACT
 CAACACACTGAACGTGGATGCTCAAGGGCTCTGGGACTCAGTTTCCAGCTGGCACCTGGACAAGGCC
 CCTCGGACCTCAGCGCCAGCACCCAGGACCTGAGCCCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC209427 protein sequence
 Red=Cloning site Green=Tags(s)

MSVQVAAPGSAGLGPRLSPEELVRQTRQVVQGLEALRAEHHGLAGHLAEALAGQGPAAAGLEMLEEQQV
 VSHSLEAIELGLGEAQVLLALSAHVGALEAEKQRLRSQARRLAQENVWLREEEETQRRLRASEESVAQL
 EEEKRHLEFLGQLRQYDPAESQSQSPRRDSLASFPESEERKGPAAAGAAAQGGYEIPARLRTL
 HNLVIQYAGQGRYEVAVPLCRQALEDLERSGCHPDVATMLNILALVYRDQNKYEATDLLHDLQIRE
 QTLGPEHPAVAATLNNLAVLYGKRGRYREAEPLCQRALEIREKVLGADHPDVAKQLNNLALLCQNGKFE
 DVERHYARALSIYEALGGPHDPNVAKTNNLASAYLKQNKYQQAEEELYKEILHKEDLPAPLGAPNTGTAG
 DAEQALRRSSSLKIRRESIRRGSEKLVSRLRGEAAAGAAGMKRAMSLNTLNVDAPRAPGTQFPSPWHLDKA
 PRTLSTQDLSPH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_177417
ORF Size: 1512 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:	NM_177417.2
RefSeq Size:	1793 bp
RefSeq ORF:	1515 bp
Locus ID:	147700
UniProt ID:	Q6P597
Cytogenetics:	19q13.32
MW:	55.4 kDa