

Product datasheet for **MR221915A1V**

Mouse Klc1 (NM_001025360) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Klc1 (NM_001025360) AAV Particle
Tag:	Myc-DDK
Symbol:	Klc1
Synonyms:	Al874768; Kn; Kns2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR221915 representing NM_001025360
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTATGACAACATGTCCACCATGGTGTACATAAAGGAAGAGAAGCTGGAGAAGCTCACGCAGGATGAGA
 TCATCTCTAAGACCAAGCAAGTGATCCAGGGGCTGGAAGCCCTGAAGAATGAGCACAACTCCATCCTGCA
 GAGTTTCTGGAGACGCTGAAGTGCTTGAAGAAGGATGACGAGAGCAACCTGGTGAAGAGAAATCCAGC
 ATGATCCGCAAGTCCCTGGAGATGCTGGAGCTTGGCCTGAGCGAGGCGCAGGTGATGATGGCGCTGTCCA
 ATCACCTGAATGCTGTGGAGTCCGAGAAGCAAAAGCTCCGCGCTCAGGTTTCGACGGCTGTGCCAGGAGAA
 CCAGTGGCTGCGGGATGAGCTGGCCAACACGCAGCAGAAGTTGCAGAAGAGCGAGCAGTCGGTGGCGCAG
 CTGGAGGAGGAGAAGAAACACCTGGAGTTCATGAACCAGCTGAAGAAGTACGACGACGACATCTCCCCCT
 CGGAGGACAAAGACTCTGATTCTTCAAAGAGCCGTTGGATGATCTCTTCCAAATGACGAGGACGAACC
 AGGACAAGGAATCCAGCAGCAGCACAGTAGTGTGCGGCCGCCGCCAGCAGGGCGGCTACGAGATCCCT
 GCAAGGCTGCGCAGCTCCACAACTTGGTGATCCAGTATGCTTACAGGGGCGTTACGAGGTGGCGGTGC
 CACTCTGCAAGCAGGCCCTGGAGGATCTGGAGAAGACTTCCGGCCACGACCACCCCGATGTGGCTACCAT
 GCTCAACATCTTGGCCCTGGTGTACAGGGATCAGAACAAGTATAAAGATGCAGCTAACCTCCTGAACGAC
 GCCCTGGCTATCCGCGAGAAAACCTTGGCAGAGATCACCCCGCGGTGGCAGCGACTCTGAACAACCTAG
 CAGTACTGTACGTAAGCGAGGGAAGTACAAGGAGCGGAGCCGCTGTGTAAACGAGCCCTGGAGATCAG
 GGAGAAGGTTCTGGGAAAGGATCATCCTGATGTTGCCAAACAGTTAAATAACCTGGCCCTGCTGTGCCAG
 AACCAGGGCAAGTACGAGGAGGTGGAGTATTATTACCAGAGGGCCCTGGGCATCTACCAGACGAAGCTGG
 GGCCCGACGATCCCAACGTGGCCAAGACCAAGAACAACCTGGCCTCCTGTTATCTGAAACAAGGGAAGTT
 CAAGCAGGCAGAAACGCTGTACAAGGAGATTCTCACCCGCGCACACGAGCGGGAGTTTGGATCTGTGGAC
 GACGAGAACAAGCCATCTGGATGCACGCTGAAGAGAGAGAGGAGTGCAAGGCAAGCAGAAGGACGGGT
 CGGCTTTTGGAGAGTATGGCGGCTGGTATAAAGCCTGCAAAGTGGACAGTCCCACCGTCACAACACCTT
 GAAAAACCTTGGAGCACTTTACCGACGGCAGGGGAAGTTTGAAGCTGCAGAGACATTGGAAGAAGCCGCC
 ATGAGGTACGTAAGCAGGGTCTTGACAATGTTCAAAACAGAGAGTGGTGAAGTGCTAAATGACCCTG
 AGAGCATGGAGAAGCGGAGGAGCCGGGAGAGTCTCAATATGGACGTGGTCAAGTACGAGAGTGGCCCTGA
 CGGAGGGGAGGAAGTGAATATGAGCGTAGAGTGAATGGGGATGGCACTGGATCTTTAAGCGCAGTGGC
 TCCTTTAGCAAACCTCCGGGCTTCCATTAGACGCAGCAGTGAGAAGCTGGTTAGGAAGCTGAAGGGAGGAA
 GCTCACGGGACAGTGAGCCGAGGAACCTGGGGCATCCCCCGCAGAGCCTCTTTGTGTGGAACGACAG
 CAGCAGCTAGAAGACGCTAGCACTAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MYDNMSTMVYIKEEKEKLEKLTQDEIISKTKQVIQGLEALKNEHNSILQSLLETCLKLKKDDENLVEEKSS
 MIRKSLEMLELGLSEAQVMMALSNHLNAVESEKQLRAQVRRLCQENQWLRLDELANTQQLKQSEQSVAQ
 LEEKKHLEFMNQLKKYDDDISPSEDKSDSSKEPLDDLFPNDEDEPGQIQQQHSSAAAAAQGGYEIP
 ARLRTLHNLVIQYASQGRYEVAVPLCKQALEDEKTSBGHDHPDVATMLNILALVYRDQNKYKDAANLLND
 ALAIREKTLGRDHPAVALNNLAVLYGKRGKYKEAEPLCKRALEIREKVLGKDHPDVAQLNNLALLCQ
 NQGYEEVEYYYQRALGIYQTKLGPDDPNVAKTKNNLASCYLKQKFKQAEATLYKEILTRAHEREFGSVD
 DENKPIWMHAEERECKGKQKDGSAFGEYGGWKACKVDSPTVTTLKNLALYRRQKFEAAETLEEEAA
 MRSRKQGLDNVHKQVAEVLNDPESMEKRRSRESLMDVVKYESGPDGGEEVSMSEVWNGDGTGSLKRS
 SFSKLRASIRRSSEKLVRKLKGGSSRDSEPRNPGASPAEPLCVENDSSSLEDASTN

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_001025360
ORF Size:	1848 bp
Buffer:	PBS with 0.001% Pluronic F3317
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_001025360.2, NP_001020531.2</u>
RefSeq Size:	2504 bp
RefSeq ORF:	1851 bp
Locus ID:	16593
Cytogenetics:	12 61.13 cM
MW:	69.9 kDa