

Product datasheet for **MR225518A1V**

Mouse Kctd8 (NM_175519) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Kctd8 (NM_175519) AAV Particle
Tag:	Myc-DDK
Symbol:	Kctd8
Synonyms:	A730087N02Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR225518 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCTGAAGGACACGGGCAGCGCGGCAGCACCATCCTCCGATCAGCGAGATGGTGTCCGCTCCA
 GCTCTCCCGCGCTCCGCTGGCCGCGCCCGGGGCCCTGCGCCCGTCGCCCTTCCCGAGGTAGTGGA
 GCTGAATGTTGGCGGCCAGGTTTATGTGACCAAGCATTGACGTTACTCAGCGTCCCGGACAGCACTCTG
 GCCAGCATGTTCTCACCTCTAGTCCCCGGGGCGCTAGGCGCGGGGCGACTTGCCAGGGACAGCC
 GCGCGCTTCTTCATCGACCGCAGCGCTTCTCTTTAGGTACGTGCTGGATTACCTGCGCGACAAGCA
 GCTGGCACTGCCGAGCACTTCCCGAGAAGGAGAGGCTCCTGCGCGAAGCAGAGTTCTTTCAGCTACC
 GACCTGGTCAAGCTGCTGTCGCCAAGGTACCAAGCAGAAGCTCGCTCAACGATGAGTGTGCCAGAGCG
 ACCTGGAGGACAACGTTTCCAGGGCAGCAGCGACTGCTGCTGCGTGGGGCGCGCTGGCGCGCC
 CTGGGCTCTGGGCACATGGTGTAGTGGTGTAGTGGTGGTGGCAGCGCTCCGACAAGCGCTCTGGG
 TTCTCACCTGGGCTACCGTGGCTCTTACACCAGGTGCGAGATAACCAGGCAGATGCCAAGTTCAGGC
 GTGTGGCGCGCATCATGGTGTGTGGGCGCATAGCCTTGCCAAAGGAGGTCTTTGGGGACTCTTAATGA
 GAGTCGCGACCCCTGACCGTCAGCCTGAGAAGTACACATCCCGCTTCTACCTCAAGTTCACCTACTTGGAG
 CAGGCGTTCGATCGACTGCTGAGGCGCGCTTCCACATGGTGGCGTGCAACTCCTCTGGCACTGCCGCT
 TTGTCAACCAGTACCGAGACGACAAGATCTGGAGCAGTTACACTGAATACATCTTCTCCGACCCTCA
 GAAAATAGTGTACCCAAGCAAGAACATGAAGACAGGAAACGCGACAAAGTCACAGACAAAGGAAGTGAG
 AGTGGGACTTCTGCAATGAGCTCTCCACATCCAGCTGTGACAGCCACTCAGAGGCCAGCACTCCACAGG
 ACAACCAGCCAACACTCAGCAGGCTGCAGCTACCAGCCTAACACCTAACCTTGGATAGACCTCCAG
 GAAAGCACCTGTTCAAGTGGATGCCACCACAGACAAGCGCAGAAACAGTGAAGTCTTTCAGTCACTC
 AGCAAGTCCCGAGAAACAAATCTCTCCAAAAAGAGGTCTGTGAGAAGCTAAGTGTAGAAGAAATGA
 AAAAGTGTATTAGGATTTTAAAAAATCCATATTCCAGATTGTTTTCCAGAGCGCAAACGCCAGTGGCA
 ATCTGAACTCCTCCAAAAATATGGGTTG

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225518 protein sequence
 Red=Cloning site Green=Tags(s)

MALKDGTSGGGSTILPISEMVSAASSSPGAPLAAAPGPCAPSPFPEVVELNVGGQVYVTKHSTLLSVPDSTL
 ASMFSPSSPRGGARRRGDLPRDSRARFFIDRDGFLFRYVLDYLRDKQLALPEHFPEKERLLREAEFFQLT
 DLVKLLSPKVTKQNSLNDECCQSDLEDNVSQGSDDLRLGAAAGAPSGSGAHGVSQVGGGSSAPDKRSG
 FLTLGYRGSYTTVRDQADAKFRRVARIMVCGRIALAKEVFGDTLNESTRDPDRQPEKYTSRFYLFKFTYLE
 QAFDRLSEAGFHMVACNSSGTAAFVNQYRDDKIWSSYTEYIFFRPPQKIVSPKQEHEDRKRDKVTDKGSE
 SGTSCNELSTSSCDSEASTPQDNPANTQAAAHPNTLTLDRPSRKAPVQWMPDPKRRNSELFSQSLI
 SKSRETNLSKKKVEKLSVEEEMKKCIQDFKKIHIPDCFPERKRQWQSELLQKYGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_175519

ORF Size:

1431 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_175519.5</u> , <u>NP_780728.3</u>
RefSeq Size:	2889 bp
RefSeq ORF:	1431 bp
Locus ID:	243043
UniProt ID:	<u>Q50H33</u>
Cytogenetics:	5 C3.1
MW:	52.8 kDa