

Product datasheet for **MR226596A1V**

Mouse Chuk (NM_007700) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Chuk (NM_007700) AAV Particle
Tag:	Myc-DDK
Symbol:	Chuk
Synonyms:	AI256658; Chuk1; Fbx24; Fbxo24; IKBKA; IKK1; Ikka; NFKB1A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR226596 representing NM_007700
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCGCCCCCGGGGCTGCGGCCGGGCGGGCGGCCCTGGGAGATGCGGGAACGGCTTGGCACCG
 GCGGTTTCGGGAACGTCACTCTGTACCAGCACCGGGAACCTTGATCTCAAAATAGCAATTAAGTCTTGTCG
 TTTAGAGCTAAGTTCCAAAAACAGAGAGCGATGGTGCCATGAAATCCAGATCATGAAAAAGTTGGACCAT
 GCGAATGTTGTAAGGCTGTGATGTCCCTGAGGAATTGAACCTTTTAATTAACGATGTGCCTCTTCTGG
 CAATGGAGTACTGTTCTGGAGGGGACCTCCGGAAGCTACTCAACAAACCAGAAAAATTGTTGTGGACTTAA
 AGAAAGCCAGATACTTTCTTTACTGAGTGACATAGGATCTGGGATCCGATATCTGCATGAAAACAAAATT
 ATACATCGAGATCTAAACCTGAAAATATAGTTCTTCAAGATGTTGGTGGGAAGACAATACATAAAATAA
 TTGATTTGGGTTATGCCAAAGATGTTGATCAAGGAAGTCTCTGTACATCTTTGTGGGAACATTGCAGTA
 TTTGGCCCAGAGCTCTTTGAAAATAAGCCGTACACAGCCACTGTGGATTATTGGAGCTTTGGGACCATG
 GTGTTTGAATGTATTGCTGGATATAGGCCCTTTTTGCATCATCTGCAGCCATTTACCTGGCATGAGAAGA
 TTAAGAAGAAAGATCCAAAGTGTATATTGCATGTGAAGAGATGACTGGAGAAGTTTCGGTTTAGTAGCCA
 TTTACCTCAGCCAAACAGCCTTTGTAGTTTAATAGTAGAGCCAATGGAAGCTGGCTCCAATTGATGCTG
 AATTGGGACCCACAGCAGAGAGGGGGACCTATTGATCTTACTTTGAAGCAGCCAAGATGTTTTGCATTAA
 TGGATCACATTCTCAATTTAAGATAGTGCACATCCTAAATATGACTTCTGCAAAAATCATTCTTTTCT
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 ATGGAGTTAGAGGCTGTGATAGCTACATGGTTTATTTGTTTGATAAAAGTAAGACTGTATATGAAGGACC
 ATTTGCATCCAGAAGTTTATCTGATTGTGTAAATTATATTGTACAAGACAGCAAAATACAACCTGCCAATT
 ATACAGCTGCGGAAAGTATGGGCTGAAGCAGTGCACACTACGTATCTGGGCTAAAGGAAGACTACAGCAGGC
 TCTTCCAGGGACAAAGAGCAGCAATGTTAAGTCTTCTTAGATATAATGCTAACTTGACAAAAATGAAGAA
 TACTTTGATCTCAGCATCACAGCAACTCAAAGCTAAATTGGAGTTTTTTCGAAAAAGCATTACAGTTGAC
 TTGGAGAGATATAGTGAGCAGATGACTTATGGGATATCTTCAGAAAAATGTTAAAGCATGGAAGAAA
 TGGAAGAAAAGGCCATTCACTATTCTGAGGTTGGTGTCTTGGTTATCTTGAGGATCAAATTATGTCTTT
 GCACACTGAAATCATGGAGCTGCAGAAGAGCCCTATGGACGACGCCAGGGAGACTTGATGGAGTCTCTG
 GAGCAGCGTGCCATTGATCTCTATAAGCAGCTAAAGCACAGACCTCCTGATCACTTGACAGCGACAGCA
 CAGAGATGGTGAAGATCATCGTGCACACCGTGCAGAGTCAGGACCGTGTTCTCAAGGAGCTGTTTGGTCA
 CCTGAGCAAGTTGTTGGGCTGCAAGCAGAAGATTATTGATCTACTCCCCAAGGTGGAAGTGGCCCTCAGT
 AACATCAAAGAAGCTGACAATACTGTCTGTTTATGCAGGGAAAGAGGCAGAAAGAAATTTGGCACCTCC
 TTAATTTGCCTGTACACAGAGTTCTGCCCCTCTCTTGTAGGATACAGTCTAGAAGGCACAGTAACCCC
 TCCAGTATCAGCATGGCTGCCCCCTACATTAGCAGACCGTGAACATCCTCTGACATGTGTGGTAACCTCT
 CAAGATGGAGAGACGTTAGCACAAATGATAGAAGAAAACTGAACTGTCTTGGCCATTTAAGTACTATTA
 TTCGTGAAGCAAATGAGGACCAGAGCAGTAGTTTGATGAGTCTTGATTGGAGTTGGTTAGCAGAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR226596 representing NM_007700 Red=Cloning site Green=Tags(s) MERPPGLRPGAGGPWEMRERLTGGFGNVSLYQHRELDLKIAIKSCRLELSSKNRERWCHEIQIMKKLDH ANVVKACDVPEELNFLINDVPLLAMEYCSGGDLRKLNNKPENCCGLKESQILSLLSDIGSGIRYLHENKI IHRDLKPENIVLQDVGGKTIHKIIDLGYAKDQDQSLCTSFVGTLYLAPELFENKPYTATVDYWSFGTM VFECIAGYRPFLLHLLQPFTHWEKIKKKDPKCFACEEMTGEVRFSSHLPPNSLCSLIVEPMESWLQML NWDPPQRRGGPIDLTQKQPRCFALMDHILNLKIVHILNMTSAKIIISFLLPCDESLHSLQSRIERETGINTG SQELLSETGISLDPRKPASQCVLDGVRGCDSYMVYLFDKSKTVYEGPFASRSLSDCVNYIVQDSKIQLPI IQLRKVWAEAVHYVSGLKEDYSRLFQGGQRAAMLRLRYNANLTKMKNTLISASQQLKAKLEFFRKSIQLD LERYSEQMTYGISSEKMLKAWKEMEKAHYSEVGVIGYLEDQIMSLHTEIMELQKSPYGRRGQDLMESL EQRAIDLKYLKLRPPDHLYSDDSTEMVKIIVHTVQSQDRVLKELFGLSKLLGCKQKIIDLLPKVEVALS NIKEADNTVMFMQGRQKEIWHLLKIACTQSSARSLVGYSLEGTVTPPVSAWLPPTLADREHPLTCVVTP QDGETLAQMIEENLNLGHLSTIIREANEDQSSSLMSLDWSWLAEL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_007700
ORF Size:	2235 bp
Buffer:	PBS with 0.001% Pluronic F4140
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_007700.2, NP_031726.2</u>
RefSeq Size:	3500 bp
RefSeq ORF:	2238 bp
Locus ID:	12675
Cytogenetics:	19 36.71 cM
MW:	84.8 kDa