

Product datasheet for **MR230088A1V**

Mouse Cap1 (NM_001301067) AAV Particle

Product data:

Product Type: AAV Particles
Tag: Myc-DDK
Symbol: Cap1
Mammalian Cell: None
Selection:
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >MR230088 representing NM_001301067
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCTGACATGCAAAATCTTGTAAGAAAGATTGGAGAGGGCAGTGGGCCCGCTGGAGGCAGTGTCACATA
CTTCAGACATGCACTGTGGATATGGAGACAGCCCTTCAAAGGAGCAGTTCATATGTGCAAGCATTGGA
CTCGCTGCTTGCCAATCCCGTGGCAGAGTACTGAAGATGAGTAAGGAGATCGGGGAGATGTGCAGAAA
CACGCGGAGATGGTCCACAGGCCCTGAAGTTGGAGCGAGCTCTCTGGCTACAGCTTCTCAGTGCCAGC
AGCCAGCTGGTAATAAACTTTCTGATTTGTTGGCACCTATCTCGGAGCAGATCCAAGAAGTTATAACCTT
CCGGGAGAAGAACCAGGCAGCAAGTTTTTAAATCATCTATCTGCTGTCAAGTGAAGCATCCAGGCCCTT
GGCTGGGTGGCTCTGGCTGCGAAACCTGGCCCCCTTTGTAAAGAGATGAATGACGCGGCCATGTTTTACA
CAAAATCGTGTCTCAAGGAGTACAGAGATGTGGATAAGAAGCATGTGGACTGGGTGAGAGCTTACTTGAG
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CCTGTGGCAAAAGAACTGAGTGGATTGCCATCTGGACCCTCTGTGGGATCAGGCCACCTCTCCCCCAC
CGGGCCCGCCTCTCCCCCAATCTCTACCAGTTCTGGTTCTGACGACTCTGCATCACGCTCAGCACTGTT
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AAGAACCCTGCCCTGAAAGCTCAGAGTGGTCCAGTTCGGAGTGGCCCCAAACATTCTCTGCACCTAAAC
CCCAAAGTACGCCCTCCCCAAACAGCCACAAAGAAGGAACAGCTCTGCTGGAAGTGAAGGCAAGAA
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TACATCTACAAGTGTGTCAACACAACATTGCAAAATCAAGGGCAAAATTAATCCATTACAGTAGATAACT
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AAGAAGTCCCTGGACTGTGAGATAGTCAGTGCCAAATCTTCTGAGATGAATGTCCTATTCTACCGAAG
GCGGTGATTTTAACGAGTTCAGTCCCGAGCAGTTCAGACCTGTGGAACGGACAGAAGTTGGTCAC
CACAGTGACAGAAATCGCTGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR230088 representing NM_001301067 Red=Cloning site Green=Tags(s) MADMQNLVERLERAVGRLEAVSHTSDMHCGYGDSPSKGAVPYVQAFDSL LANPVAEYLMKSKEIGGDVQK HAEMVHTGLKLERALLATASQCQQPAGNKLSDLLAPISEQIQEVITFREKNRGSKFFNHL SAVSESIQAL GWVALAAKPGPFVKEMDAAMFYTNRVLKEYRDVDKKHVDWVRAYLSIWTELQAYIKEFHTTGLAWSKTG PVAKELSGLPSPGSPVSGPPPPPPPPPISTSSGSDDSASRSALFAQINQGESITHALKHVSDDMKTH KNPALKAQSGPVRSGPKPFSAPKPQTSPSPKPATKKEPALLELEGKKWRVENQENVSNLVIDDTELKQVA YIYKCVNTTLQIKGKINSITVDNCKKLGLVFDDVVGIVEIINSRDVKVQVMGKVPTISINKTDGCHAYLS KNSLDCEIVSAKSSEMNVLIPTGGDFNEFPVPEQFRTLWNGQKL VTTVTEIAG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001301067
ORF Size:	1422 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_001301067.1, NP_001287996.1</u>
RefSeq Size:	2765 bp
RefSeq ORF:	1425 bp
Locus ID:	12331
UniProt ID:	<u>P40124</u>
Cytogenetics:	4 D2.2
MW:	51.6 kDa