

Product datasheet for **MR215461A1V**

Mouse Mark4 (NM_172279) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mark4 (NM_172279) AAV Particle
Tag:	Myc-DDK
Symbol:	Mark4
Synonyms:	2410090P21Rik; C79806; Markl1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR215461 representing NM_172279
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTTCGAGGACGGCGCTGGCCCCGGGCAACGATCGAACTCGGACACGCATGGCACATTGGGCAGTG
 GACGATCTTCGGACAAAGGGCCGTCCTGGTCCAGCCGTTCCCTGGGTGCCCGTTGCCGGAACCTATCGC
 TTCCTGCCCTGAGGAACAACCCCATGTGGGCAACTATAGGCTGCTAAGGACCATCGGGAAGGGCAACTTC
 GCCAAAGTCAAGCTGGCTCGGCATATCCTCACGGGCCGGGAGGTCGCTATTAAGATCATTGATAAGACCC
 AGCTGAACCCAGTAGCTTGCAAGCTGTTTCAGAGAAGTCCGAATTATGAAGGGACTCAACACCCCAA
 CATCGTGAAGCTTTTGGAGTGATAGAGACGGAGAAGACGCTATACCTGGTGATGGAATACGCTAGCGCA
 GGAGAAGTGTGACTACCTCGTGTGCGACGGCCGCATGAAGGAGAAGGAGGCTCGAGCCAAGTTCGGC
 AGATCGTGTGACCGTGCCTACTGTGTCATCAGAAGAATTGTACACAGGGATCTAAAGGCTGAAACCT
 GTTGCTGGATGCCGAGGCCAACATCAAAATCGCCGACTTCGGCTTCAGCAATGAGTTCACGCTGGGCTCC
 AAGCTGGACACCTTCTGTGGGAGCCCCCATACGCCGCCAGAGCTGTTCCAGGGCAAGAGTATGATG
 GGCCAGAGGTGGACATCTGGAGCCTGGGTGTATCCTGTACACGCTGGTCAGCGGCTCCCTGCCCTTCGA
 TGGGCACAACCTCAAGGAGCTGCGGGAGCGAGTCTCAGAGGAAAGTACCGGGTCCCCTTCTACATGTCT
 ACAGACTGCGAGAGCATTCTGCGGAGATTTCTGGTGCTGAACCCCGCAAAACGCTGTACTCTGGAGCAAA
 TCATGAAAGACAAATGGATCAACATCGGCTATGAGGGTGAGGAGCTGAAGCCATACACGGAGCCTGAGGA
 GGACTTCGGGGACACCAAGAGATTGAGGTGATGGTGGGTATGGGCTACACACGGGAAGAAATCAAGAG
 GCCTTGACCAACCAGAAGTACAACGAGGTGACCGCCACCTACCTCCTGCTGGGCAGGAAGACTGAGGAGG
 GTGGGGACCGGGTGCCCCAGGGCTGGCCCTGGCACGGGTGCGGGCGCCAGCGACACCACCAACGGGAC
 AAGCTCCAGCAAAGGCAGCAGCCACAACAAAGGGCAACGGGCTTCTTCCACCTACCACCGCCAGCGC
 CGTCACAGTGACTTCTGTGGCCCGTCCCTGCCCGCTGCACCCGAAGCGCAGCCCAACAGCACGGGAG
 ACACGGAGCTCAAGAAGAGCGGATGCCGGTTCGAAAGCGAGCTGCAGTGCAGTGGGAGTGGAAGTCG
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 CGGAAGGACAGCACTAGCACCCCTAACAACTCCCCCAGCATGATGACCCGAAGAAACACCTATGTGT
 GCACAGAGCGACAGGATCTGAACGCCCGTCTTGTGGCAAATGGCAAAGAAATAGCTCCGGTACCTC
 GCGGGTGCCCCCTGCCTCGCTTCCAGTCATAGCCTGGCTCCCCCGTCAGGCGAGCGGAGCCGCTGGCT
 CGGGGCTCCACCATCCGACGACCTTCCATGGGGGCCAGGTCCGAGACCGGCGGGCAGGAGCGGGAGTG
 GCGGGGTGTGAGAATGGACCCCAAGCCTCACCCACGCTTGCCACAGAGGCCGACCCCTGCCCTCCGG
 GCGGCCTCGCCCCACCAACCTCTTACCAAGCTGACCTCCAACTGACCCGAAGGGTACAGACGAA
 CCTGAGAGAATCGGGGACCTGAGGTCAACAAGTTGCCATCTACCTTGGGATAAAACGAAACCGCCCCCA
 GGCTGTCCGATTCCTTGGAGTGTGAAGCTGACCACTCGCGACCTCCTGAGGCCCTGATGGCTGCCCT
 GCGACAGGCCACAGCGGCCGCCGCTGCCGGTGCCGCCAGCCGAGCCGTTCTGCTGGCCTGCCTGCAC
 GGGGTGCGGGCGGGCCGAGCCCTGTCCATTTCAAGTGGAGGTGTGCCAGCTGCCCGGCCCGGCC
 TCAGGGCGCTCTTCCGCCGTGTGGGGGACCGCCCTGGCCTTCGCACCCCTCGTACCCGCATCTC
 CAACGACCTCGAACTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR215461 representing NM_172279 Red=Cloning site Green=Tags(s) MSSRTALAPGNDNRNSDTHGTLGSGRSSDKGPSWSSRSLGACRNSIASCPPEEQPHVGNRYLLRTIGKGNF AKVKLARHILTGREVAIKIIDKTQLNPSSLQKLFREVRIMKGLNHPNIVKLFEVIETEKTLVMEYASA GEVFDYLVSHGRMKEKEARAKFRQIVSAVHYCHQKNIVHRDLKAENLLDAEANIADFGFSNEFTLGS KLDTFCGSPPYAAPELFQGGKYDGPVDIWSLGVILYTLVSGSLPFDGHNKELRERVLRGKYRVPFYMS TDCESILRRFLVLPNPAKRCTLEQIMKDKWINIGYEGEELKPYTEPEEDFGDTKRIEVMVMGMYTREEIKE ALTNQKYNEVTATYLLGRKTEEGGDRGAPGLALARVRAPSDTTNGTSSSKGSSHNKGQRASSSTYHRQR RHSDFCGPSPAPLHPKRSPTSTGDELKEERMPGRKASCSAVGSGSRGLPPSSPMVSSAHNPNAEIPER RKDSTSTPNNLPPSMTTRNTYVCTERPGSERPSLLPNGKENSSTSRVPPASPSHSLAPSGERSRLA RGSTIRSTFHGGQVRDRRAGSGGGVQNGPPASPTLAHEAAPLPSGRPRPTTNLFTKLTSKLTRRVTD PERIGGPEVTSCHLPWDKTETAPRLRFPWSVKLTSSRPPEALMAALRQATAAARCRCRQPPFLLACLH GGAGGPEPLSHFEVEVCQLPRPGLRGVLFRRVAGTALAFRTLVTIRISNDLEL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_172279
ORF Size:	2256 bp
Buffer:	PBS with 0.001% Pluronic F2271
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_172279.1</u>
RefSeq Size:	2259 bp
RefSeq ORF:	2259 bp
Locus ID:	232944
UniProt ID:	<u>Q8CIP4</u>
Cytogenetics:	7 A3
MW:	83.1 kDa