

Product datasheet for **MR215783A1V**

Mouse Mark1 (NM_145515) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mark1 (NM_145515) AAV Particle
Tag:	Myc-DDK
Symbol:	Mark1
Synonyms:	AW491150; B930025N23Rik; Emk3; mKIAA1477; mPar-1c; Par-1c
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR215783 representing NM_145515
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGCGCGGACGCCATTGCCACGGTGAACGAGCGGGACACGGAGAACCATACGTCGTGGATGGCT
 ACACTGAAACACATATCCCGCCTGCCAAGTCAAGTAGCAGACAGAACCTTCCCCGGTGTAGAAACTCCAT
 TACGTCAGCGACAGATGAACAGCCTCACATCGGAAATTACCGCTTACAGAAAAAATAGGAAAAGGAAAT
 TTTGCCAAAGTAAATTGGCAAGACATGTTCTAACAGGTAGAGAGGTGCTGTGAAAATAATAGACAAAA
 CTCAGCTAAACCTACCAGTCTACAGAAGTTGTTCCGAGAAGTACGAATAATGAAGATACTGAACCATCC
 TAACATAGTGAAACTGTTTGAAGTTATTGAAACAGAGAAGACACTCTATTTGGTCATGGAATACGCAAGT
 GGGGGTGAAGTCTTTGATTACTTAGTTGCCACGGAAGAATGAAAGAGAAAGAGGCCCGTCCAAATTCA
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 AACACGTATATTCTGGCGGTAGCATGGCGAGGAGGAATACGTATGTGTGTGAGAGGAGCACAGACCGGT
 ACGCAGCCTTGCAGAATGGAAGAGACAGCAGCCTTACAGAGATGTCTGCCAGCAGCATGCTCTGGCGGG
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 CCTATAAAAGTTACACTGCCAACCATTAAGATGGCTCAGAAGCGTATCGGCCTGGTGCAGCTCAGAGAG
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 GCAAAATCACCTCCAAGTTCTGTCGCGAGGATCCAAGTGAAGGCGAAGCCAGCGGCAGAGCCGACACAGC
 CAGAGGTTTCATCGGGAGATCCCAAAGAGAGAGACAAGGACGAGGGCAAAGAGGCCAAGCCCCGCTCCCTG
 CGCTTCACCTGGAGCATGAAGACCACGAGCTCCATGGACCCCAACGACATGCTGAGGGAGATCCGCAAGG
 TGCTGGATGCCAACACCTGTGACTATGAGCAGAAAGAGAGGTTCTGCTCTTCTGCGTTACGGGAGACGC
 TCGGCAGGACAGCCTCGTACAGTGGGAGATGGAGGTCTGCAAGTTGCCTCGGCTCTCACTCAACGGGGTC
 CGCTTCAAGCGAATATCTGGGACATCTATTGCCTTTAAGAACATTGCATCCAAAATAGCAATGAGCTTA
 AGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR215783 representing NM_145515 Red=Cloning site Green=Tags(s) MSARTPLPTVNERDTENHTSVDGYTETHIPPAKSSSRQNLPCRNSITSATDEQPHIGNYRLQKTIGKGN FAKVKLARHVL TGREVAVKIIDKTQLNPTSLQKLFREVRIMKILNHPNIVKLFEVIETEKTLYL VMEYAS GGEVFDYL VAHGRMKEKEARAKFRQIVSAVQYCHQKCI VHRDLKAENLLDADMNIKIADFGFSNEFTVG NKLDTF CGSPPYAAPELFQGKKYDGPEVDVWSLGVIL YTLVSGSLPFDGQNLKELRERVLRGKYRIPFYM STDCENLLKKLLVLNPIKRGSLQIMKDRWMNVGHEEEELKPYSEPELDLSDAKRIDIMVTMGFARDEIN DALVSQKYDEVMATYILLGRKPPEFEGGESLSSGSLCQSRPSSDLNNSLQSPAHLKVQRSISANQKQR RFS DHAGSIPPAVS YTKRPQANSVESEQKEEWGKDTARRLGSTTVGSKSEVTASPLVGPDRKKSTASPS NNVYSGGSMARRNTYVCERSTDRYAALQNGRDSSLTEMSASSMSAGSTVASAGPSARPRHQKSMSTSGH PIKVTLP TIKDGSEAYRPGAAQRVPAASPSAHSISASTPDRTRFPRGSSSRSTFHGEQLRERRSAAYNGP PASPSHETGAF AHARRGTSTGIISKITSKFVRRDPSEGEASGRADTARGSSGDPKERDKDEGKEAKPRSL RFTWSMKTTSMDPNMLREIRKVL DANTCDYEQKERFLLFCVHG DARQDSLQVWEMEVC KLPRLSLNGV RFKRISGTSIAFKNIASKIANELKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_145515
ORF Size:	2385 bp
Buffer:	PBS with 0.001% Pluronic F2323
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_145515.2</u> , <u>NP_663490.2</u>
RefSeq Size:	4565 bp
RefSeq ORF:	2388 bp
Locus ID:	226778
UniProt ID:	<u>Q8VHJ5</u>
Cytogenetics:	1 H5
MW:	88.8 kDa