

Product datasheet for **MR210289A1V**

Mouse Mark2 (NM_001080388) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mark2 (NM_001080388) AAV Particle
Tag:	Myc-DDK
Symbol:	Mark2
Synonyms:	Emk; EMK-1; Par-1; Par-1b
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR210289 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCCAGCGCTCGGACCCCCCTACCCACGCTGAACGAAAGGGACACGGAGCAGCCACCTTGGGACACC
 TTGATTCCAAGCCCAGCAGTAAGTCCAACATGCTGCGGGGCCGCAACTCAGCCACCTCTGCTGACGAGCA
 GCCCCATATTGGCAACTACCGGCTCCTTAAGACCATTGGCAAGGGTAACTTTGCCAAGGTGAAGTTGGCC
 CGGCACATCCTGACGGGGAAGAGGTAGCTGTGAAGATCATCGACAAGACCCAGCTGAACTCCTCCAGCC
 TACAGAACTGTTCCGAGAAGTAAGAATAATGAAGTTTTGAATCATCCAACATAGTTAAGTTGTTTGA
 AGTGATCGAGACTGAGAAGACTCTACCTTGTCATGGAGTATGCCAGTGGCGGAGAGGTGTTTGATTAC
 CTAGTGGCCCATGGCAGGATGAAAGAAAAAGAGCTCGAGCCAAATTCGCCAGATAGTGCTGCTGTGC
 AGTACTGTACCAGAAGTTCATTGTTTCATAGAGATCTAAAGGCAGAAAACCTGCTCCTGGATGCTGATAT
 GAACATCAAGATTGCAGACTTTGGCTTTAGCAACGAATTCACCTTTGGGAACAAGCTGGATACTTTCTGT
 GGCAGTCTCCTTATGCTGCCCCAGAATTTTCCAGGGCAAAAAGTATGATGGTCTGAGGTGGATGTCT
 GGAGCCTGGGAGTCATCCTCTATACACTGGTCAGCGGATCCCTGCCTTTTGATGGACAGAACCTCAAGGA
 GCTGCGGGAACGGGTACTGAGGGGGAATACCGTATTCCGTTCTACATGTCCACGGACTGTGAAATCTG
 CTTAAGAAATTTCTCATACTTAATCCTAGTAAGAGAGGCACCTTAGAGCAAATATGAAAGATCGGTGGA
 TGAACGTGGGGCATGAGGACGATGAGCTAAAGCCTTATGTGGAACCTCTCCCTGACTACAAGGACCCCCG
 GCGACAGAGTTGATGGTGTCAATGGGTACACACGGGAAGAGATCCAGGACTCGCTGGTAGGCCAGAGG
 TACAACGAAGTGATGGCTACCTATCTGCTCCTTGGCTACAAGAGCTCTGAGCTGGAAGGTGATACCATCA
 CTTTGAAGCCCCGGCCTTCAGCTGATCTAACCAACAGCAGTGCCCATCTCCATCCCACAAGGTTTCAGCG
 CAGCGTCTCTGCCAACCCTCAAGCAACGACGCTCCAGTGACCAAGGCCGCTCCCTGCCATTCCACCTCGAAT
 TCCTACTCTAAGAAGACTCAGAGTAACAACGCAGAAAAATAAGCGGCTGAGGAAGAGACAGGCGGAAAG
 CCAGCAGCACCGCCAAAGTGCCTGCCAGCCCTCTGCCTGGCTGGACAGGAAGAAGACCACTCCTGCCCC
 CTCCACGAACAGCGTCTTTCCACCAGCACAACCGAAGCAGGAATCCCACTTTTGGACAGGGCCAGC
 CTTGGCCAGGCCTCCATCCAGAAATGGTAAAGACAGCACAGCCCCCAGCGCTCCTGTCGCTCCCCCT
 CCGCCCAACATCAGCAGCAGTAGTGGAGCCCCAGCCGAATTAATTTCCACGGGTGTGTCCAGTGC
 AAGCACCTTCCATGCTGGGCAGTCCGACAGGTGCGGGACCAGCAGAATCTACCCTACGGTGTGACCCCA
 GCCTCTCCCTCTGGCCATAGCCAGGGCCGGCGGGGGCCTCTGGCAGCATCTTCAGCAAGTTCACCTCCA
 AGTTTGTCCGACGGAACCTGAATGAACCTGAAAGCAAAGACCGAGTGGAGACGCTCAGACCTCACGTGGT
 AGGCAGTGGAGGCACTGACAAGGACAAGGAGGAGTTTCGGGAGGCCAAGCCTCGCTCCCTGCGCTTACC
 TGGAGCATGAAGACCACGAGCTCTATGGAGCCCAATGAGATGATGCGGGAGATCCGCAAGGTGCTGGACG
 CCAACAGCTGCCAAAGCGAGCTGCACGAGCGGTACATGCTACTGTGCGTGCAATGGCACACCAGGCCACGA
 GAACTTTGTGAGTGGGAGATGGAGGTGTGAAACTGCCCCGGCTGTCTCTCAACGGTGTTCGGTTTAAG
 CGGATATCGGGCACTTCCATGGCCTTCAAAAACATTGCCTCCAAATAGCCAATGAGCTGAAGCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210289 protein sequence Red=Cloning site Green=Tags(s) MSSARTPLPTLNERDTEQPTLGHLDSPSSKSNMLRGRNSATSADEQPHIGNYRLLKTIGKGNFAKVCLA RHILTGKEVAVKIIDKTQLNSSLQKLFREVRIMKVLNHPNIVKLFEVIETEKTLYLMEYASGGEVFDY LVAHGRMKEKEARAKFRQIVSAVQYCHQKFIVHRDLKAENLLDADMNIKIADFGFSNEFTFGNKLDTCF GSPPYAAPELFQGGKYDGPEVDVWSLGVILYTLVSGSLPFDGQNLKELRERVLRGKYRIPFYMSTDCENL LKKFLILNPSKRGTLQIMKDRWMNVGHEDDELKPYVEPLPDYKDPRTLMVSMGYTREEIQDSL VGQR YNEVMATYLLLGYSSELEGDITLKPSPADLTNSSAPSPSHKVQSVSANPKQRRSSDQAVPAIPTSN SYSKKTQSNNAENKRPEEETGRKASSTAKVPASPLPGLDRKKTTPAPSTNSVLSTSTNRSRNSPLDRAS LGQASIQNGKDSTAPQRPVSPSAHNISSSSGAPDRTNFRGVSSRSTFHAGQLRQVRDQQLPYGVTP ASPSGHSQGRGASGSIFSFTSKFVRRNLNEPESKDRVETLRPHVVGSGGTDKDKEEFREAKPRSLRFT WSMKTTSMEPNEMMREIRKVLNANSCQSELHERYMLLCVHGTPGHENFVQWEMEVCCKLPRLSLNGVRFK RISGTSMAFKNIASKIANELKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001080388
ORF Size:	2166 bp
Buffer:	PBS with 0.001% Pluronic F1381
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_001080388.1</u>
RefSeq Size:	4502 bp
RefSeq ORF:	2169 bp
Locus ID:	13728
UniProt ID:	<u>Q05512</u>
Cytogenetics:	19 5.32 cM
MW:	80.9 kDa