

Product datasheet for **MR223375A1V**

Mouse Mmel1 (NM_013783) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mmel1 (NM_013783) AAV Particle
Tag:	Myc-DDK
Symbol:	Mmel1
Synonyms:	Mell1; NEP2; NEPII; NI1; SEP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR223375 representing NM_013783
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGGAGAGAGCAGGCTGGTGTCTGGAAGAAGTCCCCAGGCTTCGTGGAGTATGGGCTGATGGTCTGC
 TGCTGCTGCTGTTGCTGGGAGCCATAGTGACTCTGGGTGCTTCTACAGCATAGGGAAGCAGCTGCCCT
 CTTAACTAGCCTGCTACACTTCTCCTGGGATGAGAGGACGGTTGTAAACGAGCCCTCAGGGATTCATCA
 CTGAAAAGTGACATCTGCACCACCCCAAGCTGTGTGATAGCAGCTGCCAGAATCCTCGAAAACATGGACC
 AATCGAGGAACCCCTGTGAAAATTCTACCACTACGCTTGGGAGGCTGGCTGAGGCACACGATGATCCC
 AGAGACCAACTCCAGATACAGCGTCTTTGACATCCTTCGGGACGAGCTGGAGTTATCCTCAAAGGGGTG
 CTGGAGGATTCACCTCCAGCATCGCCCGCCGTGGAGAAGGCCAAGACACTATATCGCTCCTGCATGA
 ACCAAAGTGTGATCGAGAAGAGAGACTCTGAGCCCTGCTGAGCGTCTTAAAAATGGTAGGAGTTGGCC
 TGTGGCCATGGATAAGTGAACGAGACCATGGCCTCAAGTGGGAAGTGGAGCGACAGTTGGCTGTGTTG
 AACTCGCAGTTCAACAGGCGGGTCTCATCGACCTCTTCATCTGGAATGACGACCAGAATCCAGCCGGC
 ATGTCACTACATAGACCAGCCACCTTGGGCATGCCATCCCGGAGTACTATTTCCAGGAGGACAACAA
 CCACAAGGTACGGAAGCCTACCTGGAGTTCATGACGTCAGTGCCACTATGCTTAGGAAAGACCAGAAC
 CTGTCCAAGGAGAGCGCCATGGTGGGGAGGAGATGGCGGAGGTGCTGGAAGTGGAGACGCATCTGGCCA
 ACGCCACAGTCCCCCAGGAGAAAAGGCATGATGTCACTGCCCTGTACCACCGAATGGACCTGATGGAGCT
 ACAGGAAAGGTTTGGTCTGAAGGGTTTAACTGGACTCTTTCATACAAAACGTGTTGTCTTCTGTGGAA
 GTCGAGCTGTTCCAGATGAGGAGGTGGTGGTCTACGGCATCCCTACCTGGAGAATCTGGAGGATATCA
 TTGATAGCTACTCAGCACGGACCATGCAGAACTACCTGGTATGGCGCTGGTGTAGATCGAATTGGCAG
 CCTGAGCCAGAGATTCAAAGAGGCGCGTGGACTACCGCAAGGCGCTGTACGGCACGACCGTGGAGGAG
 GTACGCTGGCGAGAGTGTGTGAGCTATGTCAACAGTAACATGGAGAGCGCCGTGGGCTCCCTCTACATCA
 AGCGGGCCTTCTCCAAGGACAGCAAGAGCACGGTCAGAGAGCTGATTGAGAAGATAAGTCCGTGTTGT
 GGATAACCTGGATGAGCTGAACTGGATGGACGAGGAATCCAAGAAGAAGGCCCAGGAAAAGGCCATGAAT
 ATACGGGAACAGATTGGCTACCCTGACTACATTTTGAAGATAACAATAAACACCTGGATGAGGAATACT
 CCAGTTTGACTTTCTATGAGGACCTGTATTTTGAAGACGAGTTCAGAACCTCAAGAACAATGCCAGAG
 GAGCCTCAAGAAGCTTCGGGAAAAGGTGGACCAGAATCTCTGGATCATCGGGGCTGCAGTGGTCAATGCA
 TTCTACTCCCCAAACAGAAACCAGATCGTCTTCCAGCAGGGATTCTCCAGCCGCCCTTCTTCAGCAAGG
 ACCAACACAGTCCTTGAATTTTGGGGCATCGGGATGGTGATTGGGCACGAGATCACACACGGCTTTGA
 TGATAATGGTCGTAACCTTGACAAGAACGGCAACATGCTGGACTGGTGGAGTAACCTCTCGGCCCGGCAC
 TTCCAACAGCAGTCGCAATGCATGATCTATCAGTACGGCAACTTCTCTTGGGAAGTAGCAGACAACCAGA
 ATGTGAACGGATTCACTACCTCGGGGAGAACATTGCCGACAACGGAGGTGTGCGACAGGCATACAAGGC
 TTACCTACGGTGGCTGGCTGATGGCGGCAAGATCAGCGACTGCCGGGACTGAACCTGACCTATGCCCAG
 CTTTTCTTCATCAACTATGCCAGGTGTGGTGTGGTCTATAGGCCGGAGTTCGCCGTCCAGTCCATCA
 AGACGGACGTCCACAGTCCTCTTAAGTACAGGGTGTGGGCTCACTACAGAACCTGCCAGGCTTCTCTGA
 GGCATTCCACTGCCACGAGGACGCCCATGCACCCCATGAAGCGATGTCGCATCTGG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR223375 representing NM_013783 Red=Cloning site Green=Tags(s) MVERAGWCRKKSPGFVEYGLMVLLLLLLLLGAIVTLGVFYSIGKQLPLLTSLHFSWDERTVVKRALRDSS LKSDICTTPSCVIAAARILENMDQSRNPCENFYQYACGGWLRHHVIPETNSRYSVFDILRDELEVILKGV LEDSTSQHRPAVEKAKTLYRSCMNQSVIEKRDSEPLLSVLKMGVGGWPVAMDKWNETMGLKWELERQLAVL NSQFNRRVLIDLFIWNDDQNSSRHVIYIDQPTLGMPSSREYFQEDNNHKVRKAYLEFMTSVATMLRKDQN LSKESAMVREEMAIELETHLANATVPQEKRDVLTALYHRMDLMELQERFGLKGFNWTLFIQNVLSSE VELFPDEEVVYGIPLYENLEDIIDSYSARTMQNYLVWRLVLDRIQSLQSRFKEARVDYRKALYGTTEE VRWRECYSYVNSNMESAVGSLYIKRAFSKDSKSTVRELIEKIRSVFVDNLDELNWMDEESKKKAQEKAMN IREQIGYPDYILEDNNKHLDEEYSSLTFYEDLYFENGLQNLKNAQRSLKKLREKVDQNLWIIGAAVVNA FYSPNRNQIVFPAGILQPPFFSKDQPQSLNFGGIGMVGHEITHGFDDNGRNFDKNGNMLDWWSNFSARH FQQQSQCMIYQYGNFSWELADNQNVNGFSTLGENIADNGGVRQAYKAYLRWLADGGKDQRLPGLNLTYAQ LFFINYAQVWCGSYRPEFAVQSIKTDVHSPLKYRVLGSLQNLPGFSEAFHCPRGSPMHPMKRCRIW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_013783
ORF Size:	2298 bp
Buffer:	PBS with 0.001% Pluronic F3573
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_013783.2</u> , <u>NP_038811.2</u>
RefSeq Size:	2948 bp
RefSeq ORF:	2301 bp
Locus ID:	27390
UniProt ID:	<u>Q9JLI3</u>
Cytogenetics:	4 E2
MW:	89.3 kDa