

Product datasheet for **MR208756A1V**

Mouse Mus81 (NM_027877) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mus81 (NM_027877) AAV Particle
Tag:	Myc-DDK
Symbol:	Mus81
Synonyms:	1200008A18Rik; AI182501; AW045863
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208756 representing NM_027877
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGCCGGTCCGCTGGGCCGGAAGCGTCCGCTGCCCGTTTGCCCAACCCGCTCTTCGTTGCTT
 GGCTGACCGAGTGGCGGACGAGGCAGCCAGCAGGGGGGCCACACGCGTTTCGTGTTTCAAAGGCATT
 GCGCTCCCTCCAACGGTACCCGCTACCATTCGCGCAGCGGAAGGAAGCCAAGATACTCCAGCACTTCGGA
 GACAGGCTCTGCCGATGCTGGACGAAAAGCTGAAGCAGCACCTAGCATCAGGCGGTGACCATGCCCCCA
 GCTCACCATCTGGAAAGAAGGGAGCCAGCAAAGGGCCACCTGAGCAAGTCCAGGACTCTTCCATGCCAGT
 TCCCACCCAGCCTCAAGCAGGAAGCACCAGTGTGGCTATTGGCCAGCTCAGAACTCAGGTGCTCGAGAG
 ATCCTGCTGCAACTCTACAGGGAGCACCTGAATTCTGATGGCCACAGCTTCTAACCAAAGAGGAGCTGC
 TGCAGAAGTGTCCCAGAAGACCCCAAGGTAGTGCCTGGAAGTTCGAAACCCTGGCCTGCCCTCCGGAG
 CCTCCTCCATAGGAACCTCATCCTTGGAAACGCATCGGCCAGCCAGGTATGCACTCACACCAGAGGGTCTG
 GAGCTGGCTCAGAAGCTGGCCGAGGCGGAAGGCCTGAGCACTCGGCACGCTGGCTTTAGGCCAGAGGAAC
 ATCACGGAGAGGACTCAGCAGTTCAGAAAGCCTTGTGAGAACCTGGCACCACCGAGGGGGCCGCTCCAGCA
 GAGACCACTGGAGCTAAGGCCTAGCGAGTACAGAGTGTGTTGTGTGGACATTGGCGAAAACGAGAGGG
 GCAGGACACAGGCCAGAAATGCTCCGAGAGTTACAAAGGCTGCGTGTGCCCCACACCGTACGCAAGCTAC
 ACGTTGGAGACTTTGTGTGGGTGGCACAGGAGACCAGGCCAGAGACCCAGAAAGACCTGGGGAGCTGGT
 CCTGGACCACATTGTGGAACGCAAGCGGCTAGATGACCTATGCAGCAGCATCATTGACGGCCGCTTTCGG
 GAGCAGAAGTTCGCCCTGAAGCGCTGTGGCTGGGGCACCGGGTATACTTAGTGAAGAACATGGGTCTG
 TCCACAACCTTAGCCTTCCCAGAGCACCTTGTGCAGGCTGTACAAACACCCAGGTCAATTGATGGCTT
 TTTTGTGAAGCGAACCATGGATATTAAGGAGTCGGCTGGCTACCTGGCGCTTTTGACAAAGGGCCTGGAA
 AGACTGTACCAGGGCCACACCCTACGCAGCCGCCCTTGGGGGGCCCCAGGGGCTGCTGAATCAGAAGCAA
 AGCCTTCCACAAACCCTCTGCTCACTCCTCACCTTCAGTGACTTCAATGCAGAAGCTGTCAAGAACAA
 GGCCAGTCTGTGCGAGAAGTATTTGCCCGGCAGCTGATGCAGGTGCGTGGACTGAGTGGGGAGAAGGCA
 GCAGCCGTGGTGGATCGATACAGCACCCCTGCCAGTCTCCTGGCTGCTTATGATGCTGTGCCACCCGCA
 AGGAGCAGGAGATGCTCTTGAGACCATCAAGTGTGGCGTCTGCAGAGGAATCTGGGACCCGCTCTGAG
 CAGGACCTGTACCAGTGTACTGCAGCCACAGCCCTCTGAGC

AC**CGGCCGCT**CGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

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MAEPVRLGRKRPLPVCNPFLFVRWLTEWRDEAASRGRHTRFVFQKALRSLQRYPLPLRSGKEAKILQHF
 DRLLCRMLDEKLKQHLASGGDHAPSSPSGKKGASKGPPEQVQDSSMPVPTQPQAGSTSVGYWPAQNSGARE
 ILLQLYREHLNSDGHSFLTKEELLQKCAQKTPRVVPGSSKPWPALRSLHRNLILGTHRPARYALTPEGL
 ELAQKLAEAEGSTRHAGFRPEEHHGEDSAVPEALSEPGTTEGAVQQRPLELRPSEYRVLLCVDIGETRG
 AGHRPEMLRELQRLRPHTVRKLVHGDFVWVAQETRPDPERPGELVLDHIVERKRLDDLCSIIIDGRFR
 EQKFRLLKRCGLGHRVYLVEEHGSVHNLSPPESTLLQAVTNTQVIDGFFVKRTMDIKESAGYLALLTKGLE
 RLYQGHTRLRSRPGWAGAAESEAKPSTNPLCSLLTFDFNAEAVKKAQSVREVFARQLMQVRGLSGEKA
 AAVVDRYSTPASLLAAYDACATAKEQEMLLSTIKCGRLQRNLGPALSRTRYQLYCSHSPLS

TR**PLEQKLI**SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_027877

ORF Size:	1653 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_027877.3</u>
RefSeq Size:	2004 bp
RefSeq ORF:	1656 bp
Locus ID:	71711
UniProt ID:	<u>Q91ZJ0</u>
Cytogenetics:	19 A
MW:	62 kDa