

Product datasheet for **MR227263A1V**

Mouse Sirt1 (NM_019812) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Sirt1 (NM_019812) AAV Particle
Tag:	Myc-DDK
Symbol:	Sirt1
Synonyms:	AA673258; S; Si; Sir2; Sir2a; Sir2alpha; SIR2L1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR227263 representing NM_019812
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACGAGGTGGCGCTCGCCCTTCAGGCCGCCGGCTCCCCTTCGCGGCGGCCGCCATGGAGGCCG
 CGTCGCAGCCGGCGGACGAGCCGCTCCGCAAGAGGCCCGCCGAGACGGGCTGGCCTCGGGCGCAGCCC
 GGGCGAGCCGAGCGCAGCAGTGGCGCCGGCGGCCGGGGTGTGAGGCGGCGAGCGCGCGGCCCGGCCG
 GCGCTGTGGCGGAGGCGGCAGGGGCGGCGGAGCGCGGAGCGGGAGGCCCGGCGACGGCCGTGGCCG
 GGGACGGAGACAATGGGTCCGGCTCGCGGGGAGCCGAGGGCGGCTGACGACTTCGACGACGACGAGGG
 CGAGGAGGAGGACGAGGCGGCGGCGGAGCGCGGCGGCGGATCGGCTACCGAGACAACCTCCTGTTG
 ACCGATGGACTCCTACTAATGGCTTTCTTCTGTGAAAGTGATGACGATGACAGAACGTCACACGCCA
 GCTCTAGTGACTGGACTCCGCGGCCGGGATAGGTCCATATACTTTTGTTCAGCAACATCTCATGATTGG
 CACCGATCCTCGAACAATTCTTAAAGATTTATTACCAGAAACAATTCCTCCACCTGAGCTGGATGATATG
 ACGCTGTGGCAGATTGTTATTAATATCCTTTCAGAACCAACAAAGCGGAAAAAGAAAAGATATCAATA
 CAATTGAAGATGCTGTGAAGTTACTGCAGGAGTGTAAGAAAGATAATAGTTCTGACTGGAGCTGGGGTTTC
 TGTCTCCTGTGGGATTCTGACTTCAGATCAAGAGACGGTATCTATGCTCGCCTTGCGGTGGACTTCCCA
 GACCTCCAGACCCTCAAGCCATGTTTGATATTGAGTATTTAGAAAAGACCCAGACCATTCTTCAAGT
 TTGCAAGGAAATATATCCCGGACAGTTCAGCCGCTCTGTGTACAAAATTCATAGCTTTGTGAGATAA
 GGAAGGAAAACACTTCGAAATTATACTCAAAATAGATACCTTGGAGCAGTTGCAGGAATCCAAAGG
 ATCCTTCAGTGTATGGTTCCTTGCACAGCATCTTGCTGATTGTAAATACAAAGTTGATTGTGAAG
 CTGTTCTGTGGAGACATTTTAAATCAGGTAGTTCTCGTGCCCTAGGTGCCAGCTGATGAGCCACTTGC
 CATCATGAAGCCAGAGATTGTCTTCTTTGGTGAAAACCTACCAGAACAGTTTCATAGAGCCATGAAGTAT
 GACAAAGATGAAGTTGACCTCCTCATTGTTATTGGATCTTCTCTGAAAGTGAGACCAGTAGCACTAATTC
 CAAGTTCTATACCCCATGAAGTGCCCTCAATATTAATAAATAGGGAACCTTTGCCTCATCTACATTTTGA
 TGTAGAGCTCCTTGGAGACTGCGATGTTATAATTAATGAGTTGTGTATAGGCTAGGTGGTGAATATGCC
 AAACCTTTGTGTAACCTGTAAAGCTTTCAGAAATTACTGAAAAACCTCCAGGCCACAAAAGGAATTGG
 TTCATTTATCAGAGTTGCCACCAACACCTCTTCATATTTCCGGAAGACTCAAGTTACCTGAAAGAACTGT
 ACCACAAGACTCTTCTGTGATTGCTACACTTGTAGACCAAGCAACAAACAACAATGTTAATGATTAGAA
 GTATCTGAATCAAGTTGTGTGGAAGAAAAACCACAAGAAGTACAGACTAGTAGGAATGTTGAGAACATTA
 ATGTGGAATAATCCAGATTTTAAAGCTGTTGGTTCCAGTACTGCAGACAAAAATGAAAGAACTTCAGTTGC
 AGAAACAGTGAGAAAATGCTGGCCTAATAGACTTGCAAAGGAGCAGATTAGTAAGCGGCTTGAGGTAAT
 CAATACCTGTTTGTACCACCAATCGTTACATATTCACGGTGCTGAGGTATACTCAGACTCTGAAGATG
 ACGTCTTGTCTCTAGTTCTGTGGCAGTAACAGTGACAGTGCCACATGCCAGAGTCCAAGTTTGAAGA
 ACCCTTGAAGATGAAAGTGAAATTGAAGAATTCTACAATGGCTTGAAGATGATACGGAGAGGCCCGAA
 TGTGCTGGAGGATCTGGATTTGGAGCTGATGGAGGGGATCAAGAGGTTGTTAATGAAGCTATAGCTACAA
 GACAGGAATTGACAGATGTAACTATCCATCAGACAAATCA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR227263 representing NM_019812 Red=Cloning site Green=Tags(s) MADEVALALQAAGSPSAAAAEAAASQPADEPLRKRPRRDGPGLGRSPGEPSSAAVAPAAAGCEASAAAPA ALWREAAGAAAASAEREAPATAVAGDGDNGSGLRREPRADDFDDDEGEEDEAAAAAAAAAIGYRDNLLL TDGLLTNGFHSCESDDDDRTSHASSDWTTPRPRIGPYTFVQQLMIGTDPRTILKDLLPETIPPELDDM TLWQIVINILSEPPKRKKRKDINTIEDAVKLLQECKKIIVLTGAGVSVSCGIPDFRSRDGIYARLAVDFP DLPDPQAMFDIEYFRKDPFPFFKFAKEIYPGQFQPSLCHKFIALSDKEGKLLRNYTQNIDTLEQVAGIQR ILQCHGSFATASCLICKYKVDCEAVRGDIFNQVPRCPRCPADEPLAIMKPEIVFFGENLPEQFHRAMKY DKDEVLLIVIGSSLKVRPVALIPSSIPHEVPQILINREPLPHLHFDVELLGDVVIINELCHRLGGEYA KLCCNPVKLSEITEKPPRPQKELVHLSLPTPLHISEDSSSPERTVPQDSSVIATLVDQATNNNVNDLE VSESSCVEEKQEVQTSRNVENINVENPDFKAVGSSTADKNERTSVAETVRKCWPNLRAKEQISKRLGN QYLFVPPNRYIFHGAEVYSDSEDDVLSSSSCGSNSDSGTCQSPSLEEPLDESEIEEFYNGLEDDTERPE CAGGSGFGADGGDQEVNEAIATRQELTDVNYP SDKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_019812
ORF Size:	2211 bp
Buffer:	PBS with 0.001% Pluronic F4251
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_019812.2</u>
RefSeq Size:	3920 bp
RefSeq ORF:	2214 bp
Locus ID:	93759
UniProt ID:	<u>Q923E4</u>
Cytogenetics:	10 B4
MW:	80.8 kDa