

Product datasheet for **MR218369A1V**

Mouse Samhd1 (NM_018851) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Samhd1 (NM_018851) AAV Particle
Tag:	Myc-DDK
Symbol:	Samhd1
Synonyms:	E330031J07Rik; Mg11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR218369 representing NM_018851
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTCACTTTGGGGTGTGGTGTCACTGCGGCTGCGCGAGCCGGTGCCGGTACTTAACTTCGC
 AGCCCCGGGTGTCGGAGGTAGCCATGCAGAGCGCACCCCTTGAGCAGCCAGCTAAGCGACCCCGCTGCGA
 TGGCAGCCCAAGGACGCCACCGAGCACTCCTCTGCAACAGCTAATCTGTCTGCAGACGACGACTTCCAA
 AACACCGACCTCCGAACCTGGGAACCGGAGGACGTGTGCTCCTTCTAGAGAATCGTGGTTTCCGAGAGA
 AGAAAGTGCTGGACATCTTCAGAGACAATAAAATCGCCGGCTCGTTTCTGCCCTTTTGGATGAGGATCG
 TCTGGAAGATCTGGGAGTAAGTTCCTTGGAGGAGGAAGAAGATGATAGAATGTATCCAGCAGCTGAGT
 CAGTCTCGGATTGATCTAATGAAGGTATTTAATGATCCCATTCATGGCCACATTGAGTTCACCCCTCTCC
 TTATCAGAATCATCGACACACCTCAGTTCAGCGACTTCGCTATATCAAGCAGCTGGGGGGCGGCTACTA
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 CTTCTTTACGAGATAGTGTCTAACAAGAGGAATGGCATCGACGTAGACAATGGGATTATTTTGCCAGA
 GACTGTCAACATCTTGAATCCAAAATAATTTTGATTACAAGCGCTTCATTAAGTTTGCCCGTATCTGTG
 AAGTGGAGTACAAGGTCAAGGAGGACAAGACCTACATCCGTAAAGTGAAGCACATTTGTTGAGAGAAAA
 GGAGGTTGGAATCTGTATGACATGTTCCACACTCGCAACTGCTTACACCGAAGAGCTTACCAACACAAG
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 TAACATTTTCTGGAGGTTTACACTCTACTGATCCACAGTTGTCTGAGGCCAAAGTATTTTAAGGAAC
 ATTGAATGCCGAATCTATAACAAGTATTTGGGTGAGACCCAGCCAAAGCGTGAGAAGATTAGGAAGGAAG
 AATATGAACGGCTTCCCAAGAAGTTGCTAAAGCCAAACCTGAAAAAGCCCCGGATGTTGAAGTGAAGGC
 CGAAGATTTATAGTTGATGTTATCAATGTGGATTATGGGATGGAAGACAAGAATCCAATCGATCGTGTT
 CACTTCTATTGTAAGAGCAACAGCAAGCAAGCGGTGAGGATCAATAAAGAGCAGGTGTCACAAGTCTGC
 CAGAGAAATTTGAGAGCAGCTCATTGGGTGTACTGTAAGAAGAAAGACGGGAAGAGCCTGGACGCCGC
 CGGGAAGCACTTTGTTCAAGTGGTGTGCGCTCAGGGACTTCACCAAGCCACAGGATGGTGACATTATAGCT
 CCACTCATAACACCTCTGAAATGGAATAATAAGACTTCATCTGCCTCCAAGAAGTATCCAAAGTAAAAA
 CATGTCTAAAATTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR218369 representing NM_018851 Red=Cloning site Green=Tags(s) MDSLLGCGVSAAAREPVPRYLTSQPRVSEVAMQSAPLEQPAKRPRCDGSPRTPPSTPPATANLSADDDFQ NTDLRTWEPEDVCSFLENRGFREKKVLDIFRDNKIAGSFLPFLDEDRLEDLGVSSLEERKKMIECIQQLS QSRIDL MKVFNDPIHGHI EFHPLLIRIIDTPQFQRLRYIKQLGGGYVFP GASHNRF EHS LGVGYLAGCL VRALAEKQPELQISERDILCVQIAGLCHDLGHGPF SHMFDGRFIPRARPEKKWKHEQGS IEMFEHLVNSN ELKLV MKNYGLVPEEDITFIKEQIMGPPITPVKDSLWPYKGRPATKSFLYEIVSNKRNGIDVDKWDYFAR DCHHLGIQNNFDYKRFIKFARICEVEYKVKEDKTYIRKVKHICSREKEVGNLYDMFHTRNCLHRRAYQHK ISNLIDIMITDAFLKADPYVEITGTAGKKFRISTAIDMEAF TKLTDNIFLEVLHSTDPQLSEAQSILRN IECRNLKYLG ETPKREKIRKEEYERLPQEVAKAKPEKAPDVELKAEDFIVDVINV DYG MEDKNPIDRV HFYCKSNSKQAVRINKEQVSQLLPEKFAEQLIRVYCKKKDGKSLDAAGKHFVQWCALRDFTKPQDGDIIA PLITPLKWNNTSSCLQEVS VKTCLKF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_018851
ORF Size:	1974 bp
Buffer:	PBS with 0.001% Pluronic F2791
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_018851.3, NP_061339.3</u>
RefSeq Size:	3887 bp
RefSeq ORF:	1977 bp
Locus ID:	56045
UniProt ID:	<u>Q60710</u>
Cytogenetics:	2 H1
MW:	76.3 kDa