

Product datasheet for **MR220765A1V**

Mouse Sp100 (NM_013673) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Sp100 (NM_013673) AAV Particle
Tag:	Myc-DDK
Symbol:	Sp100
Synonyms:	A430075G10Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR220765 representing NM_013673
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAAGGGAGCGACGGCAGCCCCAGGATGTCCACTGAACAGGAGAACACAGAGATGCATCTCATTGAAT
 GTATGTTAAAGCACTTCAAGACACAGAAAGTGGCCATTTCTAATGCGATAAGAAGTACATTTCTTTTCT
 TGAGAGCTCCGAGACCATGAATTCATCACTGGTAAATGTATGAAGATTGCTAGATTCCTGTAGATCG
 CTGGTCCCTGTGGACAAAGTGATCTACAGAGCCCTGGAGGAAGTGGAGAAGAAATTTGACATGACGGTAC
 TGTGCGAATTGTTCAATGAGGTCAACATGGAGAAGTACCCCGATTGAATCTCATTCTGTAAGCTTTGG
 ATGTGTGTTTCCCAATGAATTGTGTTTCCAAGGAATTGATGGAGGGAACCCAACTCCAGCTAAGTCTT
 GAACAAGGACCTGGTGCCAGCTATTCTCAAGGAAGCCCGAATGGGTATCCTTAGATCTCTCCGATCTG
 AAGGCTGGAGAAGTAATGATAGAAGAAATTCACCTCATGCAGGCAACCCAACTGAGAATCATCAGCT
 TGCCGAATCACCAGGTACCTTGATTCTGTGAACTCCAAGTCCAAGTGAATAACAGAGATGCTACCCCA
 GAGTCTTGACAGCTATTGCCTCAGAATGAAGAAAGAGCTGTGCAACTCAACTATGAAGTCCAGATTAATC
 CCTGTTTTGTGCAACTGGTAGATGTAAAGAAGGAAATTCATCATTTTCTTGGCTGGTAACCAACAAAC
 CCGAGCAAGGACCAACCAAAATGAGGACTCTGAGATAATAGAAGTCAAGAGTGGGATTCTGATAATGGA
 GAGAACTTCTCAGAAGCTACAACCACAGTCCCCTCCAGCCAGCACCTGCATATTCAGAAAACCTCCAA
 CACTGAGAAGAGACAGAGGAGGAGATACTTCTGACACTGAGAGCTCTATCATCATTAGAAGACGGAAG
 GACAGGACGGAAGAGAGAGAGACTTGAAGCTACTTAATACGGAACATCAAAATCCCAATGAAACCA
 AGCTGGAAAACAGCTTTCTAGCAAGAAGTGCCAACTCTTCTTCAACGACGCGAGAAAAGAGGTCCGA
 GAATCCCAGAGAAGAAATGCGGATTTTGGAGGAGCTGAGCTTCTGTGGTATGTGGCAACGCTCAGGG
 CTTCTTGATAAGGAGAAATTTAAGCAAGGCATCTATGTGAGGAGTATACGGGGCAAGACAGGGCGGTTA
 TTCACTCCCATGGACTTTGAAATCGAAGGAACTGTGAAAAAGCCAAGAACTGGCGGCAAGCATCCGCT
 GCAAGGGATGGACCTGAGAGAACTGATACAGAAAGGAGTACTACAAGACCCACCAAGGAAAAAGAGGA
 AACTCCACGAAACCAAGGCAACCAAGGAGACAGAAATGTGAAGTGTCTTTTACTATCTATTGCTAT
 CCAAAAAGTGGCTTTTTATCCCAACCAAGCAAGGAAAGAGAAGTTCCAGACCTCCGGGAGCACA
 TGTGGTTAAACAAATCAAGAATAGGCTGAATAAGAAGGCATACCATTGGTACGACGCTTTGTGGAGGA
 CATGCGCTCATCTTTCACAACCACAGCATATTTATAAAAAAGGTTCAAAAATCTTGAATCATAGTA
 GGAAAGAAATTTGAGAAGATTTCAAAGGATTTTTCATCGAGGATACAAGCGAGCAACATGAACCGT
 GCAACCACACCGTTTTGTTAACC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEGSDGSPRMSTEQENTEMHLIECMLKHFKTQKVAISNAIRSTFPFLESIRDHEFITGKMYEDLLDSCRS
 LVPVDKVIYRALEELEKKFDMTVLCELNEVNMEKYPDLNLIRRSFGCVFPNELCFQIDGGNPNSQLSL
 EQPGASYSQGSPPNGSSLDLASEGWRSNDRRNSNLMQANQTENHQLAESPGHLDSELCVQLNNRDATP
 ESCSLLPQNEERAVQLNYELQINPCFVQLVDVKKENSSFLAGNQQTARTNQNEDEIIESSGSDNG
 ENFSEATTTVPSQPAPAYSRRKPPTLRDRGGDTSDTESSIIIRRRKRTGRKKRERLGSYLIRNIKIPMKP
 SWKTAFLARSANPSSQRRRKRPRIPREENADFGGAELPVVCGNAQGFLDKEKFKQGIYVRSIRGKTGRL
 FTPMDFEIEGNCEKAKNWRQSIKCKGWLREL IQKGLVDPPRKKKETPRNPRQTRRQKCELLLLTIYCY
 PKSGFFIPKPKQRKEKFPDLREHMLNLIKNNLNKKAYHSVRRFVEDMRLIFHNHSIFYKRRFKNLGIIV
 GKKFEKNFKRIFSIEDTSEQHEPCNHTVLLT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_013673
ORF Size:	1773 bp
Buffer:	PBS with 0.001% Pluronic F3150
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_013673.3, NP_038701.2</u>
RefSeq Size:	2158 bp
RefSeq ORF:	1776 bp
Locus ID:	20684
Cytogenetics:	1 43.6 cM
MW:	68.6 kDa