

Product datasheet for **MR218313A1V**

Mouse **Lsm14a (NM_025948) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Lsm14a (NM_025948) AAV Particle
Tag:	Myc-DDK
Symbol:	Lsm14a
Synonyms:	2700023B17Rik; AA407828; AU017544; Tral
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR218313 representing NM_025948
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCGGGGACCCCTTACATCGGCAGCAAGATCAGCCTCATCTCCAAGCGGAGATCCGCTACGAGG
 GCATCCTCTACACCATCGACACCGAGAAGTCCACGGTAGCCCTCGCCAAAGTTCGATCCTTCGGTACAGA
 AGACAGACCAACAGATCGTCCAATACCGCTCGAGATGAAGTCTTTGAATATATTATATCCGCGGGAGT
 GATATTAAGACCTCACTGTTTGTGAGCCACCAACCACAATGTTCTTTGCCTCAGGACCCGGCTATTG
 TTCAGTCTTCACTAGGTTTCGTCGTCATCTTCATTCCAGTCGGTGGGTTTCTATGGACCTTTGGCAGGAT
 GCCAGCATACAGTCAGTTCAGTCCAAGTACATTAGTTGGGCAGCAGTTTGGTGTGTTGGTGTGCTGGA
 AACTCTTTGACATCCTTTGGAACAGAAGCATCAAATAGTGGTACCTTATCCCAGAGCAATGCAGTTGGTT
 CGGCCTTCACACAAGACACAAGATCTGTAAAACCACAGCTAGCCCAAGGTCGATCAAGCCCTCAGTTAGA
 CCTTTGAGAAAAGTCCAACCATGGAACAAGCAGTACAGACCGCTCGGCCACTTACCTGCTCCAGCA
 CCTGTTGGGAGAAGGAGCCCTGTACCAGCCAGGCTTTGCCACCTACCAGCCAGAAAAGCAATAGACAACC
 AAGAGCACAGGCGAGCTGAAGTACACAAAGTCCCAAGGCCAGAAAATGAGCAACTCAGAAATGACAAGAG
 GCAAGTAGTTCCTGGAGTTCCTTCTGCTCCAAGAAGAGGACGTGGGGTTCATCGAGGTGGCAGGGGAAGA
 TTTGGTATCCGTCGAGATGGTCCAATGAAATTTGAGAAAGACTTTGACTTTGAAAGTCAAATGCACAAT
 TTAACAAGGAGGAAATGACAGAGAGTTTCATAATAAACTTAACTGAAAGAAGATAAATTTGAGAAACA
 AGAGAACTGTAAACGGTGAAGACAAAGGAGACTCAGGAGTCGACACTCAGAACAGTGAAGGGAATGCT
 GATGAGGAAGATCCCCTTGGCCCAACTGCTACTATGACAAGACCAAGTCCTTTTACAACATCTCTT
 GTGATGATAATAGAGAAAGGAGACCAACTTGGGCTGAAGAAAGAAGGTTAAATGCTGAAACTTTTGGCAT
 CCCGCTTCGTCCAACCGTGGCCGTGGAGGCTACCGAGGCAGAGGAGGCCCTTGGCTTCCGTGGTGGCAGA
 GGGCGTGGTAGTGGCCGAGGAGAACCTTCACTGCCCTCGAGGGTTTCGTGCTGGATTAGAGGCGCTC
 GTGGTGGTAGGGAGTTTGCAGACTTTGAATATAGGAAAACCACGGCTTTTGGACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSGGTPYIGSKISLISKAEIRYEGILYITDENSTVALAKVRSFGTEDRPTDRPIPPEDEVFEYIIFRGS
 DIKDLTVCEPPKQCSLPQDPAIVQSSLGSSSSFSVGSYGPFGMPAYSQFSPSTLVGQQFGAVGVAG
 NSLTSFGTEASNSGTLQSNAVGSFAFTQDTRSVKPKQLAQGRSSPQLDPLRKSPTMEQAVQTASAPHL
 PAVGRRSPVPRPLPPTSQKAIDNQEHRAEVHKVPRPENEQLRNDKRQVVPVPSAPRRGRGGHRGGRGR
 FGIRRDGPMKFEKDFDFESANAQFNKEEIDREFHNKLLKEDKLEKQEKPVNGEDKGDGSGVDTQNSEGNA
 DEEDPLGPNCYYDKTKSFFDNI SCDDNRERRPTWAEERLNAETFGIPLRPNRGRGGYRGRGGLGFRGGR
 GRGSGRGGTFTAPRGFRAGFRGARGREFADFEYRKTATFGP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_025948

ORF Size:

1386 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_025948.2</u>
RefSeq Size:	2724 bp
RefSeq ORF:	1389 bp
Locus ID:	67070
UniProt ID:	<u>Q8K2F8</u>
Cytogenetics:	7 B1
MW:	50.5 kDa