

Product datasheet for **RC225784A1V**

Human LSM14A (NM_001114093) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LSM14A (NM_001114093) AAV Particle
Tag:	Myc-DDK
Symbol:	LSM14A
Synonyms:	C19orf13; FAM61A; RAP55; RAP55A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC225784 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGCGGGGGCACCCCTTACATCGGCAGCAAGATCAGCCTCATCTCCAAGGCGGAGATCCGCTACGAGG
 GCATCCTCTACACCATCGACACCGAAAACTCCACCGTAGCCCTTGCCAAAGTTGATCCTTTGGTACAGA
 AGACAGACCGACAGATCGTCCAATACCACCTCGAGATGAAGTCTTTGAATACATTATATTCGCTGGGAGT
 GACATTAAGACCTTACTGTTTGTGAGCCACAAAACACAGTGTCTTTGCCTCAAGACCCAGCTATTG
 TTCAGTCTCTACTAGGCTCATCGACTTCTTCATTCCAGTCCATGGGTTCTTATGGACCTTTCGGCAGGAT
 GCCCACATACAGTCAGTTCAGTCCGAGTTCCTTAGTTGGGCAGCAGTTTGGTGTCTTGGTGTGCTGGA
 AGCTCTTTGACATCCTTTGGAACAGAAACATCAAACAGTGGTACCTTACCCCAAAGTAGTGGGTTGGTT
 CTGCTTTTACACAGGATACAAGATCTCTAAAAACACAGTTATCTCAAGGTCGCTCAAGCCCTCAGTTAGA
 CCCTTTGAGAAAAAGCCCAACCATGGAACAAGCAGTGCAGACCGCCTCAGCCCACTTACCTGCTCCAGCA
 GCTGTTGGGAGAAGGAGTCTGTATCAACCAGGCCTTTGCCATCTGCCAGCCAAAAGGCAGGAGAGAATC
 AGGAGCACAGGCGAGCTGAAGTACACAAAGTTTCAAGGCCAGAAAATGAGCAACTCAGAAATGATAACAA
 GAGACAAGTAGCTCCAGGTGCTCCTTCAGCTCCAAGGAGAGGGCGTGGGGGTCTCGGGGTGGCAGGGGA
 AGATTTGGTATTCGGCGAGATGGGCCAATGAAATTTGAGAAAGACTTTGACTTTGAAAGTGCAATGCAC
 AATTCAACAAGGAAGAGATTGACAGAGAGTTTCATAATAAACTTAAATTTAAAGAGATAAACTTGAGAA
 ACAGGAGAAGCCTGTAATGGTGAAGATAAAGGAGACTCAGGAGTTGATACCCAAACAGTGAAGGAAAT
 GCCGATGAAGAAGATCCACTTGGACCTAATTGCTATTATGACAAAATAAATCCTTCTTTGATAATATTT
 CTTGTGATGACAATAGAGAACGAGACCAACCTGGGCTGAAGAAAGAAGATTAATGCTGAAACATTTGG
 AATCCCACTTCGTCCAAACCGTGGCCGTGGGGGATACAGAGGCAGAGGAGGTCTTGGTTTCCGTGGTGGC
 AGAGGGCGTGGTGGTGGCAGAGGTGGTACCTTCACTGCCCTCGAGGATTTGCGGGTGGATTGAGAGGAG
 GTCGTGGGGGCCGGGAGTTTGGCGATTTTGAATATAGGAAAGACAACAAAGTTGCTGCA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225784 protein sequence
 Red=Cloning site Green=Tags(s)

MSGGTPYIGSKISLISKAEIRYEGILYITDENSTVALAKVRSFGTEDRPTDRPIPPRDEVFEYIIFRGS
 DIKDLTVCEPPKQCSLPQDPAIVQSSLGSSTSSFQSMGSGYGFGRMPTYQFSPSSLVGQQFGAVGVAG
 SSLTSFGTETSNSGTLQSSAVGSAFTQDTRSLKTQLSQGRSSPQLDPLRKSPTEQAVQTASAHL PAPA
 AVGRRSPVSTRPLPSASQKAGENQEHRAEVHKVSRPENEQLRNDNKRQVAPGAPSAPRRGRGGHRRGGRG
 RFGIRRDGPMKFEKDFDFESANAQFNKEEIDREFHNKLKLEDKLEKQKPVNGEDKGD SGVDTQNSEGN
 ADEEDPLGPNCYYDKTKSFFDNISCDNRERRPTWAEERRLNAETFGIPLRPNRGRGGYRGRGGLGFRGG
 RGRGGGRGGTFTAPRGRGGRGGRGREFADFEYRKDNKVAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001114093

ORF Size:

1389 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_001114093.1, NP_001107565.1</u>
RefSeq Size:	3772 bp
RefSeq ORF:	1392 bp
Locus ID:	26065
UniProt ID:	<u>Q8ND56</u>
Cytogenetics:	19q13.11
MW:	50.6 kDa