

Product datasheet for **RC214463A1V**

Human LSS (NM_001001438) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LSS (NM_001001438) AAV Particle
Tag:	Myc-DDK
Symbol:	LSS
Synonyms:	APMR4; CTRCT44; HYPT14; OSC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC214463 representing NM_001001438
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACGGAGGGCAGTGTCTGCGGCGCCGAGGGGGCCCTACAAGACCGAGCCGCCACCGACCTCGGCC
GCTGGCGACTCAACTGCCGAGAGGGGCCGAGACGTGGACCTACCTGCAGGACGAGCGCGCCGGCCGCGA
GCAGACCGGCCTGGAAGCCTACGCCCTGGGGCTGGACACCAAGAATTACTTTAAGGACTTGCCCAAAGCC
CACACCGCCTTTGAGGGGGCTCTGAACGGGATGACATTTTACGTGGGGCTGCAGGCTGAGGATGGGCACT
GGACGGGTGATTATGGTGGCCCACTTTTCTCTGCCAGGCCTCCTGATCACTTGCCACGTGGCAGCAT
CCCTCTGCCAGCCGATACAGAGAAGAGATTGTGCGGTACCTGCGGTCACTGCAGCTCCCTGACGGTGGC
TGGGGCTGCACATTGAGGATAAGTCCACCGTGTGGGACTGCGCTCAACTATGTGTCTCTCAGAATTC
TGGGTGTGGGCTGACGATCCTGACCTGGTACGAGCCCGGAACATTCTTACAAGAAAGGTGGTGTGT
GGCCATCCCTCCTGGGGGAAGTTCTGGCTGGCTGTCTGAATGTTTACAGCTGGGAAGGCCTCAATACC
CTGTTCCAGAGATGTGGCTGTTTCTGACTGGGCACCGGCACACCCCTCCACACTCTGGTGCCACTGCC
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GAGCCTCCGCCAGGAGCTCTATGTGGAGGACTTCGCCAGCATTGACTGGCTGGCGCAGAGGAACAACGTG
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TCACAGGTCCCAGATAACCTCCCGACTACCAGAAGTACTACCGCCAGATGCGCAAGGGTGGCTTCTCCT
TCAGTACGCTGGACTGCGGCTGGATCGTTTCTGACTGCACGGCTGAGGCCTTGAAGGCTGTGCTGCTCCT
GCAGGAGAAGTGTCCCATGTCACCGAGCACATCCCCAGAGAACGGCTCTGCGATGCTGTGGCTGTGCTG
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GATGCAGGCGCTTAAGTATTTCCACAAGCGTTTCCCGGAGCACAGGGCAGCGGAGATCCGGGAGACCCTC
ACGCAGGGCTTAGAGTTCTGTGCGGCGCAGCAGAGGGCCGATGGCTCCTGGGAAGGCTCCTGGGAGTTT
GCTTCACCTACGGCACCTGGTTTGGCCTGGAGGCCTTCGCTGTATGGGGCAGACCTACCGAGATGGGAC
TGCCTGTGCAGAGGTCTCCCGGGCTGTGACTTCTGTGTCCCGGCAGATGGCAGACGGAGGCTGGGGG
GAGGACTTTGAGTCTGCGAGGAGCGCGTTATTTGCAGAGTGCCAGTCCCAGATCCATAACACATGCT
GGGCCATGATGGGGCTGATGGCGTTTCGGCATCCTGACATCGAGGCCAGGAGAGAGGAGTCCGGTGTCT
ACTTGAGAAACAGCTCCCAATGGCGACTGGCCGAGGAAAACATTGCTGGGGTCTTCAACAAGTCCTGT
GCCATCTCCTACAGGACTACAGGAACATCTTCCCATCTGGGCCCTCGGCCGCTTCTCCAGCTGTACC
CTGAGAGAGCCCTTGTGGCCACCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214463 representing NM_001001438 Red=Cloning site Green=Tags(s) MTEGTCLRRRGGPYKTEPATDLGRWRLNCEGRQTWYTLQDERAGREQTGLEAYALGLDTKNYFKDLPKA HTAFEGALNGMTFYVGLQAEDGHWTGDYGGPLFLLPGLLITCHVARIPAGYREEIVRYLRSVQLPDGG WGLHIEDKSTVFGTALNYVSLRILGVGPDDPDVLRARNILHKKGGAVAIPSWGKFWLAVLNVSWEGLNT LFPBMWLFDPWAPAHPSLWCHCRQVYLPMSYCYAVRLSAAEDPLVQSLRQEL YVEDFASIDWLAQRNNV APDELYTPHSWLLRVVYALLNLYEHHSALHRQRAVQKLYEHIVADDRFTKSISIGPISKTINMLVRWYV DGPASTAFQEHVSRIPDYLMGLDGMKMQGTNGSQIWDTAFAIQALLEAGGHRPEFSSCLQKAHEFLRL SQVPDNPDPYQKYRQMRKGGFSFSTLDCGWIVSDCTAEALKAVLLLQEKCPHVEHIPRERLCDAVAVL LNMRNPDGGFATYETKRGGHLELLNPSEVFGDIMIDYTYVECTSAVMQALKYFHKRFPEHRAEIRETL TQGLEFCRRQQRADGSWEGSWGVCFTYGTWGLEAFACMGQTYRDGTACA EVSRACDFLLSRQMADGGWG EDFESCEERRYLSAQSQIHNTCWAMMGLMAVRHPDIEAQERGVRCLLEKQLPNGDWPQENIAGVFNKSC AISYTSYRNIFPIWALGRFSQLYPERALAGHP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001001438
ORF Size:	2196 bp
Buffer:	PBS with 0.001% Pluronic F7215
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_001001438.1, NP_001001438.1</u>
RefSeq Size:	2658 bp
RefSeq ORF:	2199 bp
Locus ID:	4047
UniProt ID:	<u>P48449</u>
Cytogenetics:	21q22.3
MW:	83.1 kDa