

Product datasheet for **RC200824A1V**

Human LZTS2 (NM_032429) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LZTS2 (NM_032429) AAV Particle
Tag:	Myc-DDK
Symbol:	LZTS2
Synonyms:	LAPSER1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC200824 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCATTGTGCAGACTCTGCCAGTGCCACTGGAGCCTGCTCCTGAAGCTGCCACTGCCCCACAAGCTC
CAGTCATGGGTAGTGTGAGCAGCCTTATCTCAGGCCGGCCCTGTCCCGGGGGGCCAGCTCCTCCCCGCCA
CCACGGCCCTCCTGGGCCACCTTCTTCGCCAGCAGGATGGCCTGCTACGGGGTGGCTATGAGGCACAG
GAGCCGCTGTGCCAGCTGTGCCCCCTAGGAAGCTGTCCCTGTACACAGCTTACCTACATCAATGAGG
ACTTCCGGACAGAGTCACCCCCAGCCCAAGCAGTGATGTTGAGGATGCCCGAGAGCAGCGGGCACACAA
TGCCCCACTCCGCGGCCACACCAAAGCTCATCCCTGTCTCTGGAAAGCTGGAGAAGAACATGGAGAAG
ATCCTGATCCGCCAACAGCCTTCAAGCCAGTGCTGCCAAACCTCGAGGGGCTCCGTCCTGCCTAGCT
TCATGGGTCTCGGGCCACCGGGCTGTCTGGAGCCAGGGCAGCCTGACGCAGCTGTTTGGGGGCCCTGC
CTCCTCCTCCTCTTCTCCTCCTCTTCAGCTGCTGACAAACCCCTGGCATTAGTGGCTGGGCCAGT
GGCTGCCCATCAGGGACGCTATCCGACTCTGGCCGAAACTCACTGTCCAGCCTGCCACCTACAGCACCG
GAGGTGCCGAGCAACACCAGCTCCCCAGGCGGGCACCTGCCTTCCCATGGCTCTGGCGAGGGGCACT
GCCTGGGCCAGCCGAGGGGTCCCTACTGGGCCCTCCCACTCAGACAGTGGCCGGTCTCCTCCAGCAAG
AGCACAGGCTCCCTAGGGGGCGGTGTGGCTGGGGGGCTTTTGGGCAGTGGTACTCGGGCTCCCTGACA
GCAGCTCCTGTGGGAGCGCTCACCACCACCCCGCCTCCACCTCCTTCGGATGAGGCCCTGCTGCAGTG
TGTCTTGAAGAAAGCTCCGAGACCGGGAGGCAGAGCTTCAGCAGCTGCGGGACAGTCTGGACGAGAAT
GAGGCTACCATGTGCCAGGCATACGAGGAGCGGCAGCGGCACTGGCAGCGAGAGCGTGAGGCCCTGCGAG
AGGACTGTGCGGCCAGGCACAGCGGGCACAGCGGGCCCAACAGCTGCTGCAGCTGCAGTGTTCCAGCT
GCAGCAGGAGAAGCGGCAATTGCAGGACGACTTCGCACAGCTGCTGCAGGAGCGCGAACAGCTGGAGCGG
CGCTGCGCCACCTTGGAGCGGGAGCAGCGGGAGCTCGGGCCGAGGCTTGAAGAGACCAAGTGGGAGGTGT
GCCAGAAATCAGGCGAGATCTCCTGCTGAAGCAGCAGCTGAAAGAGTCTCAGGCAGAGCTGGTGCAGAA
GGGCAGCGAGCTGGTGGCTCTGCGGGTGGCGCTGCGGGAGGCCCGTGCTACGCTGCGGGTCAGTGAGGGC
CGTGCGCGGGTCTACAGGAGGCCGCCGAGCTCGGGAGCTGGAGCTGGAAGCCTGTTCCAGGAGCTGC
AGCGACACCGCCAGGAAGCTGAGCAGCTGCGGGAGAAAGCTGGGCAGTTGGATGCTGAGGCGGCCGACT
CCGGGAGCCCCCTGTGCCACCTGCCACCGCTGACCCATTCTCCTGGCAGAGAGTGATGAGGCCAAAGTG
CAGCGGGCAGCAGCCGGGTGGGGGCAGCTTTCGGGGCCAGGTGGAGCGATTGCGGGTGGAGCTGCAGC
GGGAGCGCGCGGGGTGAGGAGCAGCGGGACAGCTTTGAGGGGAGCGGCTGGCCTGGCAGGCAGAGAA
GGAGCAGGTGATCCGCTACCAGAAGCAGCTGCAGCACAACTACATCCAGATGTACCGGCCCAACCGGCAG
CTAGAGCAGGAGCTGCAGCAGCTCAGCCTGGAGCTGGAGGCCCGGGAGCTCGCTGACCTGGGCTGGCCG
AGCAGGCCCTGCATCTGCCTGGAGGAGATCACTGCTACTGAGATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200824 protein sequence Red=Cloning site Green=Tags(s) MAIVQTLVPLEPAPEAATAPQAPVMGSVSSLISGRPCGGPAPPRHHGPPGPTFFRQQDGLLRGGYEAQ EPLCPAVPPRKAVPVTSFTYINEDFRTESPPSPSSDVEDAREQRAHNAHLRGPPPKLIPVSGKLEKNMEK ILIRPTAFKPVLPKPRGAPSLPSFMGPRATGLSGSQGSTLQLFGGPASSSSSSSSSSAADKPLAFSGWAS GCPSTGLSDSGRNSLSSLPTYSTGGAETTTSSPGGHLPSHGSGRGALPGPARGVPTGPSHSDSGRSSSSK STGSLGGRVAGLLGSGTRASPDSSSCGERSPPPPPPPSDEALLHCVLEGLRDREAELQQLRDSL DEN EATMCQAYEERQRHWQREREALREDCAAQAQRAQQLQLQVFLQQLQEKRLQDDFAQLLQEREQLER RCATLEREQRELGPRLKETKWEVCQKSGEISLLKQQLKESQAEVLQKGSSELVALRVALREARATLRVSEG RARGLQEAARARELEACSQELQRHRQEAELREKAGQLDAEAAGLREPPVPPATADPFLLAESDEAKV QRAAAGVGSLRAQVERLRVELQRERRRGEQQRDSFEGERLAWQAEKEQVIRYQQLQHNYIQMYRRNRQ LEQELQQLSLEARELADLGLAEQAPCICLEEITATEI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032429
ORF Size:	2007 bp
Buffer:	PBS with 0.001% Pluronic F5114
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_032429.1</u>
RefSeq Size:	2858 bp
RefSeq ORF:	2010 bp
Locus ID:	84445
UniProt ID:	<u>Q9BRK4</u>
Cytogenetics:	10q24.31
MW:	72.8 kDa