

## Product datasheet for **RC216310A1V**

### Human SPTLC1 (NM\_178324) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human SPTLC1 (NM\_178324) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** SPTLC1  
**Synonyms:** HSN1; HSN1; LBC1; LCB1; SPT1; SPT1  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC216310 representing NM\_178324  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGACCGCCACGGAGCAGTGGGTTCTGGTGGAGATGGTACAGGCGCTTACGAGGCTCCTGCTTACC  
ATCTTATTTTGAAGGGATTCTGATCCTCTGGATAATCAGACTCTTTTCTCTAAGACTTACAAATTACA  
AGAACGATCTGATCTTACAGTCAAGGAAAAAGAAGAACTGATTGAAGAGTGGCAACCAGAACCTCTGT  
CCTCCTGTCCCAAAGACCATCCTGCTCTCAACTACAACATCGTTTCAGGCCCTCCAAGCCACAAAAGT  
TGTTGAATGGAAAAGAATGTATAAACTCGCCTCATTTAATTTTCTTGATTGTTGGATAACCCTAGGGT  
TAAGGCAGCAGCTTTAGCATCTCTAAAGAAGTATGGCGTGGGGACTTGTGGACCCAGAGGATTTATGGC  
ACATTTGAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC216310 representing NM\_178324  
Red=Cloning site Green=Tags(s)

MATATEQWVLVEMVQALYEAPAYHLILEGILILWIIRLLFSKTYKLQERSDLTVKEKEELIEEWQPEPLV  
PPVPKDHPALNYIVSGPPSHKTVVNGKECINFASFNGLLDNPRVKAALASLKKYGVGTCGPRGFY  
TFE

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2



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ACCN:	NM_178324
ORF Size:	429 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><a href="#">NM_178324.1</a></u>
RefSeq Size:	998 bp
RefSeq ORF:	432 bp
Locus ID:	10558
UniProt ID:	<u><a href="#">O15269</a></u>
Cytogenetics:	9q22.31
MW:	15.9 kDa