

Product datasheet for **RC224850A1V**

Human SYTL1 (NM_032872) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SYTL1 (NM_032872) AAV Particle
Tag:	Myc-DDK
Symbol:	SYTL1
Synonyms:	JFC1; SLP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC224850 representing NM_032872
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCCCAGAGGGGCCACCCATCGCAAGAGGGGCTTTGGGCTCTGCCCTCCCTCCCCATGGCGCATGGGC
 CAAAGCCTGAGACTGAAGGACTGTTGGACCTCAGCTTCCTGACAGAGGAGGAGCAGGAGGCCATTGCTGG
 CGTCCTCCAACGAGATGCCCGCTGCGCCAGCTGGAGGAGGGCGGGTCAGCAAGCTCCGGGCCTCAGTG
 GCAGACCCTGGGAGCTGAAGATCCTGACAGGGGACTGGTTCCAGGAAGCACGCTCCAGCGGCACCACA
 ATGCCCCACTTCGGCTCTGACCTTGTCGAGCGTCTATGCGCAGGAAGAAGAGCACCAGGGGAGACCAGGC
 TCCAGGCCACGACAGGGAGGCTGAGGCTGCTGTGAAAGAGAAGGAAGAGGGGCCAGAGCCAGGCTCACC
 ATTGATGAGGCCCTCAGGAGAGGCTCAGGGAGACTGAGGCTTCAGATCCTGAGGAGGCGTCCAGGCC
 AGGAAGATCCTGGCCAAGGAGACCAACAGGTCTGTGCCGAGGAGGCTGACCCGGAGCTGGAGCCCGCTC
 GGGGGGAGAGCAGGAGCCGCGGCCAGCAAGCCAGACCAAGGCCGCTCCAGATCCTGGAGAATGGG
 GAGGAGGCCCGGGGCCGACCCCTCTCTCGACCGCATGCTCAGCAGCAGCTCCTCGGTGTCCAGCCTTA
 ACTCCTCCACGCTGAGCGGCAGCCAGATGAGCCTGTGAGGCGACGCGGAGGCGGTGCAGGTCCGCGGCTC
 CGTGCACTTCGCGCTGCACTACGAGCCGGGCGCCGCGAGCTGCGCGTGACGTGATCCAGTGCCAGGGC
 CTGGCCGCCGCCGGCGCCGCTCGGACCCCTACGTCAAAAGCTACCTCCTCCCGGATAAGCAGAGCA
 AGCGCAAGACGGCGGTGAAGAAACGGAATCTGAATCCGGTTTTCAACGAGACTCTCCGGTACTCCGTCCC
 GCAGGCCGAGCTTCAGGGCCGCTGCTGAGCCTGTCTGTGTGGCACCAGCGAAAGCCTGGGTGCAACATC
 TTTCTGGGCGAAGTTGAAGTGCCCTGGACACGTGGGACTGGGCTCTGAGCCACCTGGCTCCCTCTGC
 AGCCCCGGGTCCACCCCTCTCCGACGACCTTCCGAGCCGCGGTTACTCGCCCTGTCCCTCAAGTACGT
 CCCCAGCGGCTCCGAGGGCGCAGGACTGCCCGAGCGGGAGCTGCACTTCTGGGTGAAGGAGGCTCGG
 GACCTCCTGCCCTGCGGGCAGGATCCCTGGACACTTACGTACAATGCTTCGTGCTGCTGATGACAGCC
 AGGCCAGCCGCCAGCGTACAAGGGTTGTGCGACGACGCTCAGCCCTGTGTTCAATCACACCATGGTGTA
 CGATGGCTTTGGGCTGCTGACCTGCGCCAGGCTTGTCGCGAGCTCTCCTCTGGGACCATGGGGCCCTG
 GCCAACCGCCAGCTGGGGGACACGCTCAGCCTGGGACCGGCAGCAGCTATGGGCTGCAAGTGCCCT
 GGATGGATTCCACACCTGAGGAGAAGCAGCTGTGGCAAGCCCTCTGGAGCAGCCGTGCGAATGGGTGGA
 TGGCCTTCTACCCCTCAGAACCAACCTGGCCCCCAGGACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPQRGHPSQEWLWALPSLPMHGPKEPETEGLLDL SFLTEEEQEAIAGVLQRDARLRQLEEGRVSKLRASV
 ADPGQLKILTGDFWEARSQRHHNAHFGSDLVRASMRKKSTRGDQAPGHDREAAVKEKEEGPEPRLT
 IDEAPQERLRETEASDPEEASQAQEDPGQDQVCAEEADPELEPASGGEQEPQPQAQTKAASQILENG
 EEAPGPDPSLDRMLSSSSSVSLNSSTLSGSQMSLSGDAEAVQVRGSVHFALHYEPGAELRVHVIQCQG
 LAAARRRRSDPYVKSYPDKQSKRKTAVKKRNLNPVFNETLRYSVPAELQGRVLSLVHRESLGRNI
 FLGEVEVPLDTWDWGSEPTWLPQPRVPPSPDDLPSRGLLALSLKYVPAGSEGAGLPPSGELHFWVKEAR
 DLLPLRAGSLDTYVQCFVLPDDSQASRQRTRVRRSLSPVFNHTMVDGFGPADLRQACAE LSLWDHGAL
 ANRQLGGTRL SLGTGSSYGLQVPWMDSTPEEKQLWQALLEQPCWVDGLLPLRTNLAPRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_032872

ORF Size:	1650 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_032872.1</u>
RefSeq Size:	1898 bp
RefSeq ORF:	1653 bp
Locus ID:	84958
UniProt ID:	<u>Q8IYJ3</u>
Cytogenetics:	1p36.11
MW:	60.5 kDa