

Product datasheet for **RC208705A1V**

Human SGPL1 (NM_003901) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SGPL1 (NM_003901) AAV Particle
Tag:	Myc-DDK
Symbol:	SGPL1
Synonyms:	NPHS14; S1PL; SPL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208705 representing NM_003901
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCTAGCACAGACCTTCTGATGTTGAAGGCCTTTGAGCCCTACTTAGAGATTTTGAAGTATACTCCA
 CAAAAGCCAAGAATTATGTAAATGGACATTGCACCAAGTATGAGCCCTGGCAGCTAATTGCATGGAGTGT
 CGTGTGGACCCTGCTGATAGTCTGGGGATATGAGTTTGTCTCCAGCCAGAGAGTTTATGGTCAAGGTTT
 AAAAAGAAATGTTTTAAGCTCACCAGGAAGATGCCATTATTGGTCGTAAAGATTCAAGACAAGTTGAACA
 AGACCAAGGATGATATTAGCAAGAACATGTCTTCCTGAAAGTGGACAAAGATGTGAAAGCTTTACC
 CTCCCAGGCTCTGAGCTCATCTGCTGTTTTGGAGAACTTAAGGAGTACAGCTCTATGGACGCTTCTGG
 CAAGAGGGGAGAGCCTCTGGAACAGTGTACAGTGGGGAGGAGAAGCTCACTGAGCTCCTTGTGAAGGCTT
 ATGGAGATTTTGCATGGAGTAACCCCTGCATCCAGATATCTCCAGGACTACGCAAGATAGAGGCAGA
 AATTGTGAGGATAGCTTGTTCCTGTTCAATGGGGACCAGATTTCGTGTGGATGTGTGACTTCTGGGGGA
 ACAGAAAGCATACTGATGGCCTGCAAAGCATATCGGGATCTGGCCTTTGAGAAGGGGATCAAACCTCCAG
 AAATTGTGGCTCCCCAAAGTGCCCATGTGTCATTTAACAAGCAGCCAGTTACTTTGGGATGAAGATTGT
 GCGGGTCCCATTTGACGAAGATGATGGAGGTGGATGTGCGGGCAATGAGAAGAGCTATCTCCAGGAACACT
 GCCATGCTCGTCTGTTTACCCACAGTTTCTCATGGTGAATAGATCCTGTCCCTGAAGTGGCCAAGC
 TGGCTGTCAAATACAAAATACCCCTTCATGTCGACGCTGTCTGGGAGGCTTCTCATCGTCTTTATGGA
 GAAAGCAGGATACCCACTGGAGCACCCATTTGATTTCCGGGTGAAAGGTGTAACCAGCATTTCAGCTGAC
 ACCCATAAGTATGGCTATGCCCCAAAAGGCTCATCATTGGTGTGTATAGTGACAAGAAGTACAGGAAT
 ATCAGTTCTTCGTCGATACAGATTGGCAGGGTGGCATCTATGCTTCCCAACCATCGCAGGCTCACGGCC
 TGGTGGCATTAGCGCAGCCTGTTGGGCTGCCTTGATGCACTTCGGTGAGAACGGCTATGTTGAAGCTACC
 AAACAGATCATAAAAGTGTCTGCTTCTCAAGTCAGAACTGGAATATCAAAGGCATCTTTGTTTTTG
 GGAATCCCAATTGTGAGTATTGCTCTGGGATCCCGTATTTTACATCTACCGACTATCAAACCTGAT
 GACTGCTAAGGGGTGGAAGTGAACAGTTGCAGTTCCACCCAGTATTCATTCTGCATCACATTACTA
 CACGCCCGAAACGAGTAGCTATACAATTCCTAAAGGACATTCGAGAATCTGTCACTCAAATCATGAAGA
 ATCCTAAAGCGAAGACCACAGGAATGGTGCCATCTATGGCATGGCCAGACAAGTGTGACAGGAATAT
 GGTGACAGAAATGTCCTCAGTCTTCTTGACAGCTGTACAGCACCGACACTGTACCCAGGGCAGCCAG
 ATGAATGTTTCCAAAACCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPSTDLLMLKAFEPYLEILEVYSTKAKNYVNGHCTKYEPWQLIAWSVVWTLIIWGYEFVFQPELSWSRF
 KKKCFKLTRKMPIIGRKIQDKLNKTKDDISKNSFLKVDKEYVKALPSQGLSSSAVLEKLKEYSSMDAFW
 QEGRASGTVYSGEEKL TELLVKAYGDFAWSNPLHPDIFPGLRKIEAEIVRIACSLFNGGPDSCGCVTSGG
 TESILMACKAYRDLAFEKGIKTPEIVAPQSAHAFAFNKAASYFGMKIVRVPLTKMMEVDVRAMRAISRNT
 AMLVCSTPQFPHGVIDPVPEVAKLAVKYKIPLHVDACLGFLIVFMEKAGYPLEHPDFRVKGVTSISAD
 THKYGYAPKSSSLVLYSDKKYRNYQFFVDTDWQGGIYASPTIAGSRPGGISAACWAALMHFGENGYVEAT
 KQIIKTARFLKSELENIKGI FVFGNPQLSVIALGSRDFDIYRLSNLMTAKGWNLNQLQFPPSIHFCITLL
 HARKRVAIQFLKDIRESVTQIMKNPKAKTTGMGAIFYMAQTTVDRNMVAELSSVFLDSL YSTDVTQGSQ
 MNGSPKPH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_003901
ORF Size:	1704 bp
Buffer:	PBS with 0.001% Pluronic F6309
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_003901.2</u> , <u>NP_003892.2</u>
RefSeq Size:	4701 bp
RefSeq ORF:	1707 bp
Locus ID:	8879
UniProt ID:	<u>O95470</u>
Cytogenetics:	10q22.1
MW:	63.3 kDa