

Product datasheet for **RC209406A1V**

Human Selenophosphate synthetase 1 (SEPHS1) (NM_012247) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Selenophosphate synthetase 1 (SEPHS1) (NM_012247) AAV Particle
Tag:	Myc-DDK
Symbol:	Selenophosphate synthetase 1
Synonyms:	SELD; SPS; SPS1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209406 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCTACGCGGGAGTCCTTTAACCCGGAAGTTACGAATTGGACAAAAGCTTCCGGCTAACAGATTCA
CTGAACTGAAGGGCACAGGCTGCAAAGTGCCCAAGATGTCCTGCAAAAATTGCTGGAATCTTTACAGGA
GAACCACTTCCAAGAAGATGAGCAGTTTCTGGGAGCCGTTATGCCAAGGCTTGGCATTGGAATGGATACT
TGTGTCTATTCTTTGAGGCACGGTGGGCTTTCTTGGTTCAAACACAGATTACATTTACCCGATCGTAG
ACGACCCTTACATGATGGGCAGGATAGCGTGTGCAATGTCCTCAGTGACCTCTATGCAATGGGGTCAC
GGAATGTGACAAATATGCTGATGCTCCTTGGAGTCAGTAATAAAATGACCGACAGGAAAAGGGATAAAGTG
ATGCCTCTGATTATCCAAGTTTTAAAGACGCAGCTGAGGAAGCAGGAACGTCTGTAACAGGCGGCCAAA
CAGTACTAAACCCCTGGATTGCTCTGGGAGGAGTGGCTACCACTGTCTGCCAACCAATGAATTTATCAT
GCCAGACAATGCAGTGCCAGGGGACGTGCTGGTGCTGACAAAACCCCTGGGGACACAGGTGGCAGTGGCT
GTGCACCAGTGGCTGGATATCCCTGAGAAATGGAATAAGATTAACTAGTGGTACCCCAAGAAGATGTAG
AGCTGGCTACCAGGAGCGATGATGAACATGGCAGGCTCAACAGGACAGCTGCAGGACTCATGCACAC
GTTCAATGCCCACGCCCCACTGACATCACGGGCTTCGGGATTTTGGGCCATGCGCAGAACCTGGCCAAG
CAGCAGAGGAACGAGGTGTCGTTTGAATTCACAACCTCCCGGTGCTGGCCAAGATGGCTGCGGTGAGCA
AGGCCTGCGGAAACATGTTCCGGCTCATGCACGGGACCTGCCCGGAGACTTCAGGCGGCCTTCTGATCTG
TTTACCACGTGAGCAAGCAGCTCGGTTCTGTGCAGAGATAAAGTCCCCCAAATATGGTGAAGGCCACCA
GCATGGATTATTGGGATTGTAGAGAAGGGCAACCGCACAGCCAGAATCATAGACAAACCCGGATCATCG
AGGTCGCACCACAAGTGCCCACTCAAAATGTGAATCCACACCCGGGGCCACCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence:	>RC209406 protein sequence Red=Cloning site Green=Tags(s) MSTRESFNPESEYELDKSFRLTRFTELKGTGCKVPQDVLQKLLESLQENHFQEDEQFLGAVMPRLGIGMDT CVIPLRHGGLSLVQTTDYIYPIVDDPYMMGRIACANVLSLYAMGVTECDNMLMLLGVSNNKMTDRERDKV MPLIIQGFKDAAEEAGTSVTGGQTVLNPWIVLGGVATTVCQNEFIMPDNAVPGDVLVLTKPLGTQVAVA VHQWLDIPEKWNKIKLVVTQEDVELAYQEAMNMARLNRTAAGLMHTFNAHAATDITGFGILGHAQNLAK QQRNEVSFVIHNLVPLAKMAAVSKACGNMFGLMHGTCPETSGGLLIICLPREQAARFCAEIKSPKYGEGHQ AWIIGIVEKGNRTARIIDKPRIIEVAPQVATQNVNPTPGATS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012247
ORF Size:	1176 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:	NM_012247.3 , NP_036379.2
RefSeq Size:	3275 bp
RefSeq ORF:	1179 bp
Locus ID:	22929
UniProt ID:	P49903
Cytogenetics:	10p13
MW:	42.9 kDa