

Product datasheet for **RC231163A1V**

Human Selenophosphate synthetase 1 (SEPHS1) (NM_001195602) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Selenophosphate synthetase 1 (SEPHS1) (NM_001195602) 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:	>RC231163 representing NM_001195602 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATACTTGTGTCATTCTTTGAGGCACGGTGGGCTTTCTTGTTCAAACACAGATTACATTTACC
CGATCGTAGACGACCCTTACATGATGGGCAGGATAGCGTGTGCCAATGTCCTCAGTGACCTCTATGCAAT
GGGGGTACGGAATGTGACAATATGCTGATGCTCCTTGGAGTCAGTAATAAATGACCGACAGGGAAAGG
GATAAAGTGATGCCTCTGATTATCCAAGTTTTAAAGACGCAGCTGAGGAAGCAGGAACATCTGTAACAG
GCGGCCAAACAGTACTAAACCCCTGGATTGCTCCTGGGAGGAGTGGCTACCACTGTCTGCCAACCAATGA
ATTTATCATGCCAGACAATGCAGTGCCAGGGGACGTGCTGGTGTGACAAAACCCCTGGGACACAGGTG
GCAGTGGCTGTGCACCACTGGCTGGATATCCCTGAGAAATGGAATAAGATTAACTAGTGGTCACCCAAG
AAGATGTAGAGCTGGCTACCAGGAGGCGATGATGAACATGGCGAGGCTCAACAGGACAGCTGCAGGACT
CATGCACACGTTCAATGCCCACGCCCACTGACATCACGGGCTTCGGGATTTTGGGCCATGCGCAGAAC
CTGGCCAAGCAGCAGAGGAACGAGGTGTCGTTTGAATTCACAACCTCCCGGTGCTGGCCAAGATGGCTG
CGGTGAGCAAGGCCTGCGGAAACATGTTCCGCCCTATGCACGGGACCTGCCCGGAGACTTCAGGCGGCCT
TCTGATCTGTTTACCACGTGAGCAAGCAGCTCGGTTCTGTGCAGAGATAAAGTCCCCCAATATGGTGAA
GGCCACCAAGCATGGATTATTGGGATTGTAGAGAAGGGCAACCGCACAGCCAGAATCATAGACAAACCCC
GGATCATCGAGGTGCGACCACAAGTGGCCACTCAAATGTGAATCCACACCCGGGGCCACCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC231163 representing NM_001195602 Red=Cloning site Green=Tags(s) MDTCVIPLRHGGLSLVQTTDYIYPIVDDPYMMGRIACANVLSPLYAMGVTECDNMLMLLGVSNMKMDRER DKVMPLIIQGFKDAEEAGTSVTGGQTVLNPWIVLGGVATTVCQPNEFIMPDNAVPGDVLVLTkPLGTQV AVAVHQWLDIPEKWNKIKLVVTQEDVELAYQEAMNMARLNRTAAGLMHTFNHAHAATDITGFGILGHAQN LAKQQRNEVSFVIHNLPLAKMAAVSKACGNMFGLMHGTCPETSGGLLICLPREQAARFCAEIKSPKYGE GHQAWIIGIVEKGNRTARIIDKPRIIEVAPQVATQNVNPTPGATS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001195602
ORF Size:	975 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_001195602.1, NP_001182531.1</u>
RefSeq ORF:	978 bp
Locus ID:	22929
UniProt ID:	<u>P49903</u>
Cytogenetics:	10p13
MW:	35.7 kDa