

Product datasheet for **RC217993A1V**

Human Sphingosine 1 phosphate phosphatase 2 (SGPP2) (NM_152386) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Sphingosine 1 phosphate phosphatase 2 (SGPP2) (NM_152386) AAV Particle
Tag:	Myc-DDK
Symbol:	Sphingosine 1 phosphate phosphatase 2
Synonyms:	SPP2; SPPase2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217993 representing NM_152386 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCGAGCTGCTGCGGAGCCTGCAGGATTCCAGCTCGTCGCCCGCTTCCAGCGCCGCTGCGGGCTCT
TCCCGCTCCGGATGAAGGCCCGGGGAGAACGGCGCGGACCCACGGAGCGCGCGCGGGTCCCCGG
GGTCGAGCATCTCCCGCAGCCAACGGCAAGGGCGGCGAGGCTCCGGCCAACGGGCTGCGCAGAGCCGCG
GCGCCGGAGGCTTATGTACAGAAGTACGTCGTGAAGAATTATTTCTACTATTACCTATTCCAATTTTCAG
CTGCTTTGGGCAAGAAGTGTTCTACATCACGTTTCTTCCATTCACCTGGAATATTGACCCCTTATTT
ATCCAGAAGATTGATCATCATATGGGTTTTGGTGATGTATATTGGCCAAGTGGCCAAGGATGTCTTGAAG
TGGCCCCGTCCCTCCTCCCTCCAGTTGTAAAAGTGGAAAAGAGACTGATCGCTGAATATGGAATGCCAT
CCACCCACGCCATGGCGGCCACTGCCATTGCCTTCACCCTCCTTATCTCTACTATGGACAGATACCAGTA
TCCATTTGTGTTGGGACTGGTGATGGCCGTGGTGTTCACCTTGGTGTGTCTCAGCAGGCTCTACACT
GGGATGCATACGGTCCTGGATGTGCTGGGTGGCGTCTGATCACCGCACTCCTCATCGTCCTCACCTACC
CTGCCTGGACCTTCATCGACTGCCTGGACTCGGCCAGCCCCCTTCCCCGTGTGTGTATAGTTGTGCC
ATTCTTCTGTGTTACAATTACCCTGTTTCTGATTACTACAGCCCAACCGGGCGGACACCACCACCTATT
CTGGCTGCCGGGCTGGAGTGACCATAGGATTCTGGATCAACCATTTCTTCCAGCTTGTATCCAAGCCCG
CTGAATCTCTCCCTGTTATTGAGAATATCCCACTACCACTACATGTTAGTTTGGGTCTGACCAA
ATTTGCAGTGGGAATTGTGTTGATCCTTGGTTCGTCAGCTTGTAACAAATCTCTCACTGCAAGTATTA
TACTCATGTTTCAAGGTGGTCACCAAGGAACAAGGAGGCCAGGCGGAGACTGGAGATTGAAGTGCCTTACA
AGTTTGTACCTACACATCTGTTGGCATCTGCGCTACAACCTTTGTGCCGATGCTTCACAGGTTTCTGGG
ATTACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC217993 representing NM_152386 Red=Cloning site Green=Tags(s) MAELLRSLQDSQLVARFQRRCLFPAPDEGPENGADPTERAARVPGVEHLPAANGKGGEAPANGLRRAA APEAYVQKYVVKNYFYFLFQFSAALGQEVFYITFLPFTHWNIDPYLSRRLIIIWVLVMIYIGQVAKDVLK WPRPSSPPVVKLEKRLIAEYGMPSHAMAATAIAFTLLISTMDRYQYPFVLGLVMAVVFSTLVCLSRLYT GMHTVLDVLGGVLITALLIVLTYPATWTFIDCLDSASPLFPVCVIVVPFFLCYNYPVSDYYSPTADTTTI LAAGAGVTIGFWINHHFQLVSKPAESLPVIQNIPLTTYMLVLGLTKFAVGIVLILLVRQLVQNLSLQVL YSWFKVYTRNKEARRRLEIEVPYKFVTYTSVGICATTFVPMHRLGLP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_152386
ORF Size:	1197 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_152386.2</u>
RefSeq Size:	1200 bp
RefSeq ORF:	1200 bp
Locus ID:	130367
UniProt ID:	<u>Q8IWX5</u>
Cytogenetics:	2q36.1
MW:	44.6 kDa