

Product datasheet for **RR216531A1V**

Rat Sphk1 (NM_001270808) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Sphk1 (NM_001270808) AAV Particle
Tag:	Myc-DDK
Symbol:	Sphk1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RR216531 representing NM_001270808 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAACCAGCAGACTGTCCCCGGGACTGCTCCACGGCCATGCAGAGTGTGGTGCTGCTGAACCCCC
GGGGTGGCAAGGGCAAGGCTCTGAAGCTCTTCAGAGCCGTGTGCGGCCCTTCTGGAGGAGGCTGAGGT
ATCCTTTAACTGATGCTCACCAGACGGCAGAACCATGCCAGGGAGCTGGTGTGTGCAGAAGAACTGGGT
CACTGGGATGCCTTGGCGGTCTGTCCGGTGACGGTCTGATGCACGAGGTGGTGAATGGGCTAATGGAAC
GACCTGACTGGGAGAGTGCCATCCAGAAACCCCTATGTAGCCTCCCTGGAGGCTCTGGCAATGCGCTGGC
AGCTTCTTTGAACACTATGCTGGGCACGAGCAGGTCACTAATGAAGATCTCCTGATCAACTGCACACTG
CTGTTATGCTGCCGGCAGCTGTACCCATGAATCTGCTGTCCCTGCACACCGCTTCCGGACGGCAACTCT
ATTCTGTTCTCAGTCTGTCTGGGGTTTCGTTGCTGACGTGGACTTGGAGAGTGAGAAATACAGGAGCTT
GGGGGAGATTCTGTTTACGGTGGGAACCTTTTTTCGCCTAGCAAGCCTGCGCATTTACCAAGGCCAACTG
GCCTACCTTCTGTAGGGAAGGCTGCCTCTAAGATACCTGCTTCTCACTGGCACAGAAGGGCCCTGCCA
ACACATACCTCGTTCCTCTGGAGGAGCCAGTGCCACCTCATTGGACTGTGGTGCCAGAGCAGGACTTCGT
TCTGGTGCTGGTGCTGCTTACACCCACCTGAGCACAGAGATGTTTGCAGACCCATGGGCCCTTCTCTGG
GCTGGTGTTATGCATCTGTTCTATATACGTGCGGGGGTGTCAAGGGCCATGCTGCTGCGCCTCTTCTCTGG
CCATGCAGAAGGGCAAGCATATGGACCTCGACTGCCCGTACTTGGTTCATGTGCCAGTGGTTGCCTTCGG
CCTGGAACCCAGGAACCAGAGGGGAGTGTCTTCTGTGGACGGGAGCTGATGGTGTGTGAAGCTGTGCAG
GGCCAAGTGACCCAACTACCTTTGGATGGTCTCTGGTAGCAGTGACTCCCGTCCGGCCGGGACTCCC
AGCGGAGGCCACCTCCAGAAGAACAATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RR216531 representing NM_001270808 Red=Cloning site Green=Tags(s) MQPADCPRGLLPRPCRVLVLLNPRGGKGKALKLFQSRVRPLLEAEVSFKLMLTERQNHARELVCAEELG HWDALAVMSGDGLMHEVVNGLMERPDWESAIQKPLCSLPGGSGNALAASLNYYAGHEQVTNEDLLINCTL LLCCRQLSPMNLLSLHTASGRQLYSVLSLWGFVADVLESEKYRSLGEIRFTVGTFFRLASLRIYQQL AYLPVGKAASKIPASSLAQKGPANTYLVPLEEVPPHWTVVPEQDFVLVLVLLHHLSTEMFAAPMGRCE AGVMHLFYIRAGVSRAMLLRLFLAMQKGKHMDDLCPYL VHVPPVAFRLEPRNQGVF SVDGELMVCEAVQ GQVHPNYLWMVSGSSDSPSGRDSQRRPPPEEI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Rat
Serotype:	AAV-2
ACCN:	NM_001270808
ORF Size:	1149 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_001270808.1, NP_001257737.1</u>
RefSeq Size:	1978 bp
RefSeq ORF:	1152 bp
Locus ID:	170897
UniProt ID:	<u>Q91V26</u>
Cytogenetics:	10q32.1-q32.2
MW:	42.4 kDa