

Product datasheet for **RR216533A1V**

Rat Sphk1 (NM_001270810) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Rat Sphk1 (NM_001270810) AAV Particle
Tag: Myc-DDK
Symbol: Sphk1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RR216533 representing NM_001270810
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAACCAGCAGACTGTCCCCGGGACTGCTCCACGGCCATGCAGAGTGTGGTGCTGCTGAACCCCC
GGGGTGGCAAGGGCAAGGCTCTGAAGCTCTTCAGAGCCGTGTGCGGCCCTTCTGGAGGAGGCTGAGGT
ATCCTTTAACTGATGCTCACCAGACGGCAGAACCATGCCAGGGAGCTGGTGTGTGCAGAAGAACTGGGT
CACTGGGATGCCTTGGCGGTATGTCCGGTGACGGTCTGATGCACGAGGTGGTGAATGGGCTAATGGAAC
GACCTGACTGGGAGAGTGCCATCCAGAAACCCCTATGTAGCCTCCCTGGAGGCTCTGGCAATGCGCTGGC
AGCTTCTTTGAACTACTATGCTGGGCACGAGCAGGTCACTAATGAAGATCTCCTGATCAACTGCACACTG
CTGTTATGCTGCCGGCAGCTGTACCCATGAATCTGCTGTCCCTGCACACCGCTTCCGGACGGCAACTCT
ATTCTGTTCTCAGTCTGTCTGGGGTTTCGTTGCTGACGTGGACTTGGAGAGTGAGAAATACAGGAGCTT
GGGGGAGATTCTGTTACGGTGGAACCTTTTTTCGCCTAGCAAGCCTGCGCATTTACCAAGGCCAACTG
GCCTACCTTCTGTAGGAAGGCTGCCTCTAAGATACCTGCTTCTCACTGGCACAGAAGGGCCCTGCCA
ACACATACCTCGTTCCTCTGGAGGAGCCAGTGCCACCTCATTGGACTGTGGTGCCAGAGCAGGACTTCGT
TCTGGTGCTGGTGCTGCTTACACCCACCTGAGCACAGAGATGTTTGCAGCACCATGGGCCGCTGCGAG
GCTGGTGTTATGCATCTGTTCTATATACGTGCGGGGGTGTCAAGGGCCATGCTGCTGCGCCTCTTCTCTGG
CCATGCAGAAGGGCAAGCATATGGACCTCGACTGCCCGTACTTGGTTCATGTGCCAGTGTTGCTTCCG
CCTGGAACCCAGGAACCAGAGGGGAGTGTCTTCTGTGGACGGGAGCTGATGGTGTGTGAAGCTGTGCAG
GGCCAAGTGACCCAACTACCTTTGGATGGTCTCTGGTAGCAGTGACTCCCGTCCGGCCGGGACTCCC
AGCGGAGGCCACCTCCAGAAGAACAATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RR216533 representing NM_001270810 Red=Cloning site Green=Tags(s) MQPADCPRGLLPRPCRVLVLLNPRGGKGKALKLFQSRVRPLLEAEVSFKLMLTERQNHARELVCAEELG HWDALAVMSGDGLMHEVVNGLMERPDWESAIQKPLCSLPGGSGNALAASLNYYAGHEQVTNEDLLINCTL LLCCRQLSPMNLSSLHTASGRQLYSVLSLWGFVADVLESEKYRSLGEIRFTVGTFFRLASLRIYQGQL AYLPVGKAASKIPASSLAQKGPANTYLVPLEEVPPHWTVVPEQDFVLVLVLLHHLSTEMFAAPMGRCE AGVMHLFYIRAGVSRAMLLRLFLAMQKGKHMDDLCPYLHVHPVVAFRLEPRNQGVFSDGELMVCEAVQ GQVHPNYLWMVSGSSDSPSGRDSQRRPPPEEPI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Rat
Serotype:	AAV-2
ACCN:	NM_001270810
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_001270810.1, NP_001257739.1</u>
RefSeq Size:	2565 bp
RefSeq ORF:	1152 bp
Locus ID:	170897
UniProt ID:	<u>Q91V26</u>
Cytogenetics:	10q32.1-q32.2
MW:	42.4 kDa