

Product datasheet for **RC218209A1V**

Human SPATA21 (NM_198546) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SPATA21
Synonyms:	spergen-2; spergen2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC218209 representing NM_198546
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAACTACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACAATAGAAACACCCAGATGTACACGGAGGAGGAAAAGACAGTCAACCCCTTCCTGCCATCCACGC
 CTGGACCTAAAAAGCAAAAGGAGGGGGTGAAGCTGTGGAGACCCACCCAGCACCGGGGCTCTTCCTCC
 ACCAGAGGTGAGGGACATTGGAGAGAGGCGGGAGCCAGACCGTGCCGACGAGCAGCCTCAGAAGCCCGCG
 GTGGCTGCAGGGACACAGAGCCTCGGGAATTCGGGACGGGCTTCATGAAGTGTCTGCTGGAGGTGGAGA
 AAATGGAGGCTCCCATCGGAGAGCCTCGAAGGCCCGGTCCAGACAGCCGAGAAGTCGCCAGGACCCCT
 GACCCCGGTGCCACCTCAGCTCCAAGCCTGCCTCAGACCCCTGCCTCGGTCCCTGCCAGCGGCCATCG
 TGGGCCCGGTGCCAGCTCCTGGGCCAGAACCTGCCCCATGGGAGCCCGGTCCCACTCCATGCCTT
 GCCCTGTCTGCTGGGCCCTGCCCTGGACCTGGGCTGGAGAAGGATGGAACCTTGCACAGAGCAGCGA
 GAGAACCCTGAGCTACGCCAAGGCGCGGAGGAGCCGGAAGAGCAGAGCCTCCAAAGCTTTATCAAAC
 CGGGAGAAGTCCGAGGAGCAACTGACCCTGAAGCAAGAGGAAGCCTCCGCAGCTACTTTGAGATCTTCA
 ATGGTCTGTGTGAGGTGGATGCACAGAGCCTGAAGAATATCTGCTCCTAATGGGCTTCTCTGTGACGCT
 GGCCAGGTGGAGGACGCCCTGATGAGTGTCTGATGTCATGGAGATGGTCTGTGGACTTCAAAGACTTC
 TTGGCTGTGATGACAGACACGAGCGCTTCTTCTGCTCTGTGGAACAGAACGCCCTGTGGAGATGGCTC
 CCCACAACCCCACTACTCTTTGAGATCCTGTCCCTGCTGGTAGAGATGCTGGCCTTACCAGAGGC
 AGTCTTAGAGGAAATCACAACCTACTACCAGAAAAAGCTGAAGGAAGGCACCTGCAAGGCCAGGAGATG
 GAAGCGGCCGTAGGCCGGTGCAGTTCCTACAACCCAGCAAGAAGAGAGCTCAGAAG
 TTCCAGAACAAAGGTCTCAGTATCCTGAGCCGGCTGAAGCAGCAGAACTATGCTCCCACTGCAGAG
 CCCCTATGCCAGGTGCCCTGCATCTGCTCTGCCACAGCTGGACAAGAAGATGGTCCGTAGGCAGCCG
 AGCAACCACTATGCACTAGACAGTGCACACCCCTGGCCTGGATCCTGACATCCGCAGCCCTTCTTCC
 AGTCAGGATCTCAAGGAAACAGGGAACACAACCTGACAGCAGAAAGTGGCTCAGCTCTGTGCCAGCTCG
 AACCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC218209 representing NM_198546
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MDNRNTQMYTEEEKTVNPFLLPSTPGPKKAKGGGEAVETHPAPGPLPPEVRDIGERREPDRQQPQKPA
 VAAGTQSLGNFRQGMKCLLEVEKMEASHRRASKARSQTAQKSPRTLTPVPTSAPSLPQTPASVPASGPS
 WARLPAPGPEPAPMGAPVPTSMPCPVLLGPALDLGWRRMELLHQSSERTLSYAKARQEPEEQSLQKLYQN
 REKSEELTLKQEEAFRSYFEIFNGPGEVDAQSLKNILLMGFSVTLAQVEDALMSADVNGDGRVDFKDF
 LAVMTDTRRFCSVEQNALSDMAPHNPHLLFEILSLLVEMLALPEAVLEEITNYYQKKLKEGTCKAQEM
 EAAVGRLRLQKLPYNPQQEESSEVPERKVLISLSRLKQQNYAPNLQSPYAQVPCILLCPQLDKKMMVRRQP
 SNHYALDQCTPPGLDPDIRSPFFQSGSQGNREHNSDSRWLSSVPARTH

TRTRPLEQKLISEEDLAANDILDYKDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_198546

ORF Size: 1407 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_198546.1 , NP_940948.1
RefSeq Size:	2015 bp
RefSeq ORF:	1410 bp
Locus ID:	374955
UniProt ID:	Q7Z572
Cytogenetics:	1p36.13
MW:	52 kDa