

Product datasheet for **RC225431A1V**

Human SPG21 (NM_001127889) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SPG21 (NM_001127889) AAV Particle
Tag:	Myc-DDK
Symbol:	SPG21
Synonyms:	ABHD21; ACP33; BM-019; GL010; MAST
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC225431 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGAGAGATTAAAGTCTCTCCTGATTATAACTGGTTTAGAGGTACAGTTCCTTAAAAAGATTATTG
TGGATGATGATGACAGTAAGATATGGTCGCTCTATGACGCGGGCCCCGAAGTATCAGGTGTCTCTCAT
ATTCTGCCCCCTGTCACTGGAAGTGCAGATGTCTTTTCCGGCAGATTTGGCTCTGACTGGATGGGGT
TACCGGGTTATCGCTTTCAGTATCCAGTTTATTGGGACCATCTCGAGTTCTGTGATGGATTCAGAAAAAC
TTTATAGACCATTTACAATTGGATAAAGTTCATCTTTTGGCGCTTCTTTGGGAGGCTTTTGGCCAGAA
ATTTGCTGAATACACTACAAATCTCCTAGAGTCCATTCCCTAATCCTCTGCAATTCCTTCAGTGACACC
TCTATCTTCAACCAAACTTGGACTGCAACAGCTTTTGGCTGATGCCTGCATTTATGCTCAAAAAATAG
TTCTTGGAATTTTTCATCTGGCCCGGTGGACCCTATGATGGCTGATGCCATTGATTTTCATGGTAGACAG
GCTAGAAAGTTTGGGTGAGAGTGAAGTGGCTTCAAGACTTACCTTGAATTGTCAAAATCTTATGTGAA
CCTCATAAAATTCGGGACATACCTGTAACCTATTATGGATGTGTTTATCAGAGTGCCTTTCACTGAAG
CTAAAGAAGAAATGTACAAGCTGTATCCTAATGCCGAAGAGCTCATCTGAAAACAGGAGGCAATTTCCC
ATACCTGTGCAGAAAGTGCAGAGGTCAATCTTTATGTACAGATACATTTGCTGCAATTCATGGAACCAAA
TACGCGGCCATTGACCATCAATGGTCAGTGCCGAGGAGCTTGAGGTGCAGAAAGGCAGCCTTGGCATCA
GCCAGGAGGAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC225431 protein sequence Red=Cloning site Green=Tags(s) MGEIKVSPDYNWFRGTVPLKKIIVDDDDSKIWSLYDAGPRSIKPLIFLPPVSGTADVFFRQILALTGWG YRVIALQYPVYWDHLEFCDFGRKLLDHLQLDKVHLFGASLGGFLAQKFAEYTHKSPRVHSLILCNSFSDT SIFNQTTWTANSFWLMPAFMLKKIVLGNFSSGPVDPMMADAIDFMVDRLESLGQSELASRLTLNCQNSYVE PHKIRDIPVTIMDVFDQSALSTEAKEEMYKLYPNARRAHLKTGGNFPYLCRSAEVNLYVQIHLQFHGK YAAIDPSMVSAEELEVQKGSGLISQEEQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001127889
ORF Size:	924 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_001127889.1</u>
RefSeq Size:	1658 bp
RefSeq ORF:	927 bp
Locus ID:	51324
UniProt ID:	<u>Q9NZD8</u>
Cytogenetics:	15q22.31
MW:	35 kDa