

Product datasheet for **RC206825A1V**

Human SPATA20 (NM_022827) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SPATA20 (NM_022827) AAV Particle
Tag:	Myc-DDK
Symbol:	SPATA20
Synonyms:	HEL-S-98; SSP411; Tisp78
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC206825 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGGGCGCGCGGCCTGGTTGGGCCGCGTCTTCTGCTGCCCCGCGCCGGTGCAAGGCCCTCGCCGCA
GCCGCAGGTGTCTGGAGTCTGGCCAGGACCTGGCCCCACAGGAGTCCAGCAGGGGTAGCTCCTCCCG
GGACAAGGACCGAAGTGCAGCGTCAGTAGTTCAGTGCCCATGCCTGCTGGAGGAAAGGAAGCCATCCT
TCATCTACACCCAGAGGGTCCCCAACCGCCTGATCCACGAGAAGTACCATACTCTCTACAACATGCCT
ACAATCTGTGGACTGGTACCCCTGGGACAGGAAGCCTTCGACAAGGCCAGGAAGGAAAAACAAGCCGAT
TTTCTCTCAGTCGGTACTCCACCTGCCACTGGTGCCACATGATGGAAGAGGAGTCTTCCAGAATGAG
GAGATTGGCCGCTGCTCAGTGAGGACTTTGTGAGTGTGAAGGTAGACCGTGAGGAGCGGCCTGACGTGG
ACAAGGTGTACATGACGTTCTGTCAGGCCACCAGCAGCGCGGGGGCTGGCCCATGAATGTGTGGCTGAC
TCCCAACCTCCAGCCCTTTGTCGGGGGACCTATTTCCCTCCTGAGGATGGCTTGACCCGAGTCGGCTTC
CGCACAGTGTTGCTGAGAATACGAGAACAGTGGAAACAGAACAGAACACCCCTGCTAGAAAAATAGCCAGC
GTGTCAACCACTGCCCTGCTGGCCCGATCAGAGATCAGCGTGGGTGACCGCCAGCTGCCGCCCTCTGCCGC
CACCGTGAACAATCGCTGCTTCCAGCAGCTGGATGAGGGCTATGATGAGGAATACGGTGGCTTCGCTGAG
GCCCCAAGTTTCCACGCCCGGTGATCCTGAGCTTCTGTTCTCTACTGGCTCAGCCATCGACTGACTC
AGGATGGCTCTCGGGCCAGCAGATGGCCTTGCAATACCTGAAAAATGATGGCTAACGGGGGCATCCGGGA
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CTCTATGACAGGCACAGCTCGCTGTGCCTATTTCGAGGCCTTCCAGCTCTCTGGTGATGAATTCTACT
CTGACGTGGCCAAAGGCATCCTGCAGTACGTGGCTCGGAGCCTGAGCCACCGGTCCGGAGGCTTCTATAG
CGCAGAAGATGCAGACTCGCCCCCAGAGCGGGGCCAGCGGCCCAAAGAGGGCGCCTACTATGTGTGGACG
GTCAAAGAGGTTCAAGCAGCTCCTCCCGAGCCTGTGTTGGGTGCCACCGAGCCGCTGACCTCAGGCCAGC
TCCTCATGAAGCACTACGGCCTCACAGAGGCTGGTAACATCAGCCCCAGTCAGGACCCCAAGGGGAGCT
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CGCACCTGGACAGCAAGATGCTGGCTGCCTGGAATGGCTTGATGGTGTGAGGCTATGCTGTGACTGGGGC
TGTCTGGGCCAAGACAGGCTGATCAACTATGCCACCAATGGTGCCAAGTTCTGAAGCGGCACATGTTT
GATGTGGCCAGTGGCCGCTGATGCGGACCTGCTACACCGGCCCTGGGGGACTGTGGAGCACAGCAACC
CACCTGCTGGGGCTTCTGGAGGACTACGCCTTCGTGGTGCGGGGCCTGCTGGACCTGTATGAGGCCTC
ACAGGAGAGTGGCTGCGTGCAGTGGGCTCTGCGGCTGCAGGACACACAGGACAAGCTCTTTTGGGACTCC
CAGGGTGGCGGCTACTTCTGCAGTGAGGCTGAGCTGGGGGCTGGCCTGCCCTGCGTCTGAAGGACGACC
AGGATGGAGCAGAGCCAGCGCCAATTCGTGTGAGCCCAACCTGCTCCGGCTGCATGGCTTCACGGG
CCACAAGGACTGGATGGACAAGTGTGTGTCCTATTGACCGCCTTTCCGAGCGCATGCGTCTGTCTCCG
GTGGCGTTGCCGAGATGGTCCGCGCCCTCTCAGCCAGCAGCAGACCTCAAGCAGATCGTGATCTGTG
GAGACCGTCAGGCCAAGGACACCAAGGCCCTGGTGAGTGCGTCCACTCTGTCTACATTCTAACAAGGT
GCTGATTCTGGCTGATGGGACCCCTCGAGCTTCTGTCCCGCCAGCTGCCTTTCCTGAGTACCTCCGA
CGGTTGGAAGACCAAGCCACTGCATATGTGTGAGAATCAAGCCTGCTCAGTGCCCATCACTGATCCCT
GCGAATTACGAAAACCTACTACATCCA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206825 protein sequence Red=Cloning site Green=Tags(s) MLGARAWLGRVLLLPRAGAGLAASRRCPGVWPRTWPHRSPSRGSSSRDKDRSATVSSSVMPMPAGGKGSHPSSTPQRVPNRLIHEKSPYLLQHAYNPVDWYPWGQEAQFDKARKENKPIFLSVGYSTCHWCHMMEEESFQNE EIGRLLSEDFVSVKVDREERPDVDKVMYTFVQATSSGGGWPMMVWLTNLPQPFVGGTYFPPEDGLTRVGF RTVLLRIREQWKQNKNTLLENSQRTTALLARSEISVGDRQLPPSAATVNNRCFQQLDEGYDEEYGGFAE APKFPTPVILSFLFSYWLSHRLTQDGSRAQQMALHTLKMANGGIRDHVGQGFHRYSTDRQWHVPHFEKM LYDQACLAVAYSQAFQLSGDEFYSYDAKQILQYVARSLSHRSGGFYSAEDADSPPERGQRPKEGAYYVWT VKEVQQLPEPVLGATEPLTSGQLMKHYGLTEAGNISPSQDPKGELQGQNVLTVRYSLELTAAARFGLDV EAVRTLLNSGLEKLFQARKHRPKPHLDSKMLAAWNGLMVSGYAVTGAVLGQDRLINYATNGAKFLKRHMF DVASGRMLMRTCYTGPGGTVEHSNPPCWGFLEDYAFVVRGLLDLYEASQESAWLEWALRLQDTQDKLFWDS QGGGYFCSEAGLPLRLKDDQDGAEPSANSVSAHNLLRLHGFTGHKDWMDKCVCLLTAFSERMRRVP VALPEMVRALSAQQQTLKQIVICGDRQAKDTKALVQCVHSVYIPNKVILADGDPSSFLSRQLPFLSTLR RLEDQATAYVCENQACSVITDPCELRKLLHP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022827
ORF Size:	2406 bp
Buffer:	PBS with 0.001% Pluronic F5936
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_022827.2</u>
RefSeq Size:	2752 bp
RefSeq ORF:	2409 bp
Locus ID:	64847
UniProt ID:	<u>Q8TB22</u>
Cytogenetics:	17q21.33
MW:	89.8 kDa