

Product datasheet for **RC224421A1V**

Human Syntrophin (SNTB1) (NM_021021) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Syntrophin (SNTB1) (NM_021021) AAV Particle
Tag:	Myc-DDK
Symbol:	Syntrophin
Synonyms:	59-DAP; A1B; BSYN2; DAPA1B; SNT2; SNT2B1; TIP-43
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC224421 representing NM_021021
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGTAGCGCGCGCGCGCGCGCTGGCGCGGTGGCGCGGAGCGCGCGCGCGCGCAGCGGAGCG
 GGCTGCTGGAAGTTTGGTGCGGGATCGCTGGCACAAAGTTCTGGTGAACCTGAGCGAGGACGCCCTGGT
 TCTGAGCAGCAGGAGGGCGCTGCGGCGTACAACGGCATCGGGACCGCCACCAATGGCTCGTTCTGCAGG
 GGCGCGGGGGTGGGCACCGGGCGCGGGCGCGCGCAGCCCCGGACTCGCCCGCGGGGTCCGCACCG
 CTTTACCAGACTGCCGAGCAGGTGCCGAGTCCATCTCGAACCAGAAGCGTGGCGTGAAGGTGCTGAA
 GCAGGAGCTGGCGGGTGGGGATCAGCATCAAGGGGGCAAGGAGAACAAGATGCCATCCTCATCAGC
 AAGATCTTCAAGGGGTGGCGCGGACAGACCAAGCCCTGTACGTGGCGGACGCCATCTGTCCGTGA
 ACGGAGCCGACTGCGGGACGCCACCCACGACGAGGCGGTGCAGGCGTTGAAGCGCGGGCAAGGAAGT
 GCTGCTGGAAGTGAAGTACATGCGAGAAGCCACGCCCTATGTGAAGAAAGGATCCCCAGTATCCGAGATT
 GGGTGGGAAACACCTCCGCTGAATCCCTCGGTTAGGGGGCAGCACCTCAGACCCCCCGTCATCGCAGT
 CCTTCTCTTCCACAGAGACCGGAAAAGCATCCCCCTCAAATGTGCTACGTCACTCGGAGTATGGCCTT
 GGCCGACCCTGAGAACAGGCAGCTTGAATCCACTCTCCAGATGCTAAGCACACGGTGATCCTAAGGAGC
 AAGGACTCAGCCACGCCCAGGCATGGTTCAGTGCCATCCATTCCAACGTTAATGACCTGCTGACCCGAG
 TGATTGCTGAGGTGAGAGCAGCTGGGAAAAACAGGCATTGCTGGGAGCCGAGAGATTAGGCATCTTGG
 CTGGCTTGCAAAAAGGTGCCAGGGGAGAGCAAGAAACAGTGGAAACAGCCCTGGTTGTGCTGACTGAG
 AAAGACCTTTTAATCTATGACAGCATGCCACGAGGAAGGAAGCCTGGTTCAGCCAGTTACACATACC
 CTCTTCTGCCACCAGGCTGGTCCATTAGGTCCAGGAAAGGATCACCCAGGCTGGTGTGGATCTGTC
 CTTTGCAACGCGAACTGGTACCAGGCAAGGGATTGAAACACATCTCTTACAGCAGAGACCAGCAGGGAC
 CTCTCCCACTGGACAAGGAGCATAGTACAGGTTGCCACAATTCTGCTGAACCTATTGCTGAAATCAGCA
 CTGCTTGACCTACAAAAACAGGAGTGCCGTTTGACCATACATTATGAGAATGGATTTTCTATTACCAC
 TGAACACAGGAGGGTGCCTTTCCCAAGACCATCATACAGTCTCCTTATGAAAAGCTCAAATGTCTTCA
 GATGATGGAATCAGGATGCTGTATTTAGATTTTGGAGGCAAGATGGAGAGATTCAACTGGACCTTCATT
 CCTGCCCAAGCAATTGTTTTATCATTATTCCTTCTGTGAGCTAAGATTACAAGACTGGGCTTGGT
 GGCC

ACGCGTACGCGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAVAAAAAAGPAGAGGGRAQSRGLLEVLVRDRWHKVLVNLSEDALVLSSEEGAAAYNGIGTATNGSFCR
 GAGAGHPGAGGAQPPDSPAGVRTAFTDLPEQVPESISNQKRGVKVLKQELGGLGISIKGKKNKMPILIS
 KIFKGLAADQTQALYVGDAILSVNGADLRDATHDEAVQALKRAGKEVLLEVKYMREATPYVKKGSVPSEI
 GWETPPPEPRLGGSTDPSSQSFSFHRDRKSIPLKMCYVTRSMALADPENRQLEIHSPPAKHTVILRS
 KDSATAQAWFSAIHSNVNDLLTRVIAEVREQLGKTGIAGSREIRHLGWLAEKVPGESKKQWKPALVVLTE
 KDLLIYDSMPRRKEAWFSPVHTYPLLATRLVHSGPGKSPQAGVDLSFATRTGTRQGIETHLFRAETSRD
 LSHWTRISVQGHNSAELIAEISTACTYKNQECRLTIHYENGFSITTEPQEGAFPKTIIQSPYEKLKMS
 DDGIRMLYLDGFGKDGELQLDLHSCPPIVFIHSFLSAKITRLGLVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_021021

ORF Size:	1614 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_021021.2</u>
RefSeq Size:	2978 bp
RefSeq ORF:	1617 bp
Locus ID:	6641
UniProt ID:	<u>Q13884</u>
Cytogenetics:	8q24.12
MW:	57.9 kDa