

Product datasheet for **RC227252A1V**

Human Synaptotagmin 1 (SYT1) (NM_001135806) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Synaptotagmin 1 (SYT1) (NM_001135806) AAV Particle
Tag:	Myc-DDK
Symbol:	Synaptotagmin 1
Synonyms:	BAGOS; P65; SVP65; SYT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC227252 representing NM_001135806 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGTGAGCGAGAGTCACCATGAGGCCCTGGCAGCCCCGCCTGTCACCACTGTCGCGACTGTTCTGCCAA
GCAATGCCACAGAGCCAGCCAGTCCTGGAGAAGGAAAGGAAGATGCATTTCTAAGCTGAAGGAGAAGTT
TATGAATGAGTTGCATAAAATTCATTGCCACCGTGGGCCTTAATTGCAATAGCCATAGTCGAGTCCTT
TTAGTCCTGACCTGCTGCTTTTGTATCTGTAAGAAATGTTTGTCAAAAAGAAAAACAAGAAGAGGGAA
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GGCCCTCAAGGATGATGATGCTGAAAGTGGATTGACAGATGGAGAAGAAAAAGAAAGAACCCAAAGAAGAG
GAGAACTGGGAAACTTCAGTATTCAGTATGATTGATTTCCAAATAACCACTGCTGGTAGGGATCA
TTCAGGCTGCCGAAGTCCCGCCTTGGACATGGGGGACATCTGATCCTTACGTGAAAGTGTCTGCT
ACCTGATAAGAAGAAGAAATTTGAGACAAAAGTCCACCGAAAAACCTTAATCCTGTCTTCAATGAGCAA
TTTACTTTCAAGGTACCATACTCGGAATTGGGTGGCAAAACCTAGTGATGGCTGTATATGATTTTGATC
GTTTCTCTAAGCATGACATCATTGGAGAATTTAAAGTCCCTATGAACACAGTGGATTTTGCCATGTAAC
TGAGGAATGGCGTGACCTGCAAAGTGTGAGAAGGAAGAGCAAGAGAAATGGGTGATATCTGCTCTCC
CTTCGCTACGTACCTACTGCTGGTAAGCTGACTGTTGTCATTCTGGAGGCAAAGAACCTGAAGAAGATGG
ATGTGGGTGGCTTATCCGATCCTTATGTGAAGATTCATCTGATGCAGAAATGGTAAGAGGCTGAAGAAGAA
AAAGACAACAATTAAGAAACACACTTAACCCCTACTACAATGAGTCATTACAGCTTTGAAGTACCTTTT
GAACAAATCCAGAAAGTGCAAGTGGTGGTAAGTGTGTTGGACTATGACAAGATTGGCAAGAACGATGCCA
TCGGCAAAGTCTTTGTGGGTACAACAGCACCGCGCGGAGCTGCGACACTGGTCAGACATGCTGGCCAA
CCCCAGGCGACCTATTGCCAGTGGCACACCTGCAGGTAGAGGAGGAAGTTGATGCCATGCTGGCCGTC
AAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC227252 representing NM_001135806 Red=Cloning site Green=Tags(s) MVSESHHEALAAPPVTTVATVLP SNATEPASPGEKEDAFSKLKEKFMNELHKIPLPPWALIAIAIVAVL LVLTCFCICKKCLFKKKNNKKGKEKGGKNAINMKDVKDLGKTMKDQALKDDDAETGLTDGEEKEEPKEE EKLGLQYSLDYDFQNNQLLVGIIQAELPALDMGGTSDPYVKVFLLPDKKKKFETKVHRKTLNPFVNEQ FTFKVPYSELGGKTLVMAVYDFDRFSKHDIIIGEFKVPMTVDVFGHVTEEWRDLQSAEKEEQEKLGDICFS LRYVPTAGKLTVVILEAKNLKKMDVGGLSDPYVKIHLMQNGKRLKKKKTTIKKNTLNPYYNESFSFEVPPF EQIQKVQVVVTVLDYDKIGKNDIAIGKVFVGYNSTGAELRHWSMLANPRRPIAQWHTLQVEEEVDAMLAV KK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001135806
ORF Size:	1266 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_001135806.1</u> , <u>NP_001129278.1</u>
RefSeq ORF:	1269 bp
Locus ID:	6857
UniProt ID:	<u>P21579</u>
Cytogenetics:	12q21.2
MW:	47.4 kDa