

Product datasheet for **RC208938A1V**

Human Synaptotagmin 1 (SYT1) (NM_005639) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Synaptotagmin 1 (SYT1) (NM_005639) 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:	>RC208938 representing NM_005639 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGTGAGCGAGAGTCACCATGAGGCCCTGGCAGCCCCGCCTGTCACTGTCGCGACTGTTCTGCCAA
GCAATGCCACAGAGCCAGCCAGTCCTGGAGAAGGAAAGGAAGATGCATTTCTAAGCTGAAGGAGAAGTT
TATGAATGAGTTGCATAAAATTCATTGCCACCGTGGGCCTTAATTGCAATAGCCATAGTCGAGTCCTT
TTAGTCCTGACCTGCTGCTTTTGTATCTGTAAGAAATGTTTGTCAAAAAGAAAAACAAGAAGAGGGAA
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GGCCCTCAAGGATGATGATGCTGAAAGTGGATTGACAGATGGAGAAGAAAAAGAAGAACCCAAAGAAGAG
GAGAACTGGGAAACTTCAGTATTCAGTATTCAGTATGATTTCCAAATAACAGCTGCTGGTAGGGATCA
TTCAGGCTGCCGAAGTCCCGCCTTGGACATGGGGGGCACATCTGATCCTTACGTGAAAGTGTCTGCT
ACCTGATAAGAAGAAGAAATTTGAGACAAAAGTCCACCGAAAAACCTTAATCCTGTCTTCAATGAGCAA
TTTACTTTCAAGGTACCATACTCGGAATTGGGTGGCAAAACCTAGTGATGGCTGTATATGATTTTGATC
GTTTCTCTAAGCATGACATCATTGGAGAATTTAAAGTCCCTATGAACACAGTGGATTTTGCCATGTAAC
TGAGGAATGGCGTGACCTGCAAAGTGTGAGAAGGAAGAGCAAGAGAAATGGGTGATATCTGCTCTCC
CTTCGCTACGTACCTACTGCTGGTAAGCTGACTGTTGTCATTCTGGAGGCAAAGAACCTGAAGAAGATGG
ATGTGGGTGGCTTATCCGATCCTTATGTGAAGATTCATCTGATGCAGAAATGGTAAGAGGCTGAAGAAGAA
AAAGACAACAATTAAGAAGAACACACTTAACCCCTACTACAATGAGTCATTACAGCTTTGAAGTACCTTTT
GAACAAATCCAGAAAGTGCAAGTGGTGGTAAGTGTGTTTGGACTATGACAAGATTGGCAAGAACGATGCCA
TCGGCAAAGTCTTTGTGGGTACAACAGCACCGCGCGGAGCTGCGACACTGGTCAGACATGCTGGCCAA
CCCCAGGCGACCTATTGCCAGTGGCACACCTGCAGGTAGAGGAGGAAGTTGATGCCATGCTGGCCGTC
AAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC208938 representing NM_005639 Red=Cloning site Green=Tags(s) MVSESHHEALAAPPVTTVATVLP SNATEPASPGEGKEDAFSKLKEKFMNELHKIPLPPWALIAIAIVAVL LVLTCFCICKKCLFKKKNNKKGKEGGKNAINMKDVKDLGKTMKDQALKDDDAETGLTDGEEKEEPKEE EKLGLQYSLDYDFQNNQLLVGIIQAELPALDMGGTSDPYVKVFLLPDKKKKFETKVHRKTLNPFVNEQ FTFKVPYSELGGKTLVMAVYDFDRFSKHDIIIGEFKVPMTVDVFGHVTEEWRDLQSAEKEEQEKLGDICFS LRYVPTAGKLTVVILEAKNLKKMDVGGLSDPYVKIHLMQNGKRLKKKKTTIKKNTLNPYYNESFSFEVVPF EQIQKVQVVVTVLDYDKIGKND AIGKVFVGYNSTGAELRHWSMLANPRRPIAQWHTLQVEEEVDAMLAV KK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005639
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:	NM_005639.1
RefSeq Size:	3244 bp
RefSeq ORF:	1269 bp
Locus ID:	6857
UniProt ID:	P21579
Cytogenetics:	12q21.2
MW:	47.4 kDa