

Product datasheet for **RC223923A1V**

Human Synaptotagmin 14 (SYT14) (NM_153262) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Synaptotagmin 14
Synonyms:	SCAR11; sytXIV
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC223923 representing NM_153262
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGATTGAAGGTGGAGAGAGAACCTGTGGAGTACATGAACTTATCTGTATTAGAAAAGTATCTCCAG
 AGGCAGTTGGATTTTGTGAGCTGTTGGGGTGTATTATCTTGATGCTGCTCCTTTTCTCTATATTAA
 TAAGAAGTTCTGTTTGAAGTGTGGCGGGTTCCAGATCTTGTTTCAGAAATACAGTACAAGGAAGAAT
 TCACAAGATAAAATTTATAATTCCTACATGGACAAAGATGAGCATGGTTCATCCTCTGAAAGTGAAGATG
 AAGCGCTGGGTAATATCATGAGGCCTTATCCAGAACACACAATCCAGACTACCACTGGCAGATTCTAG
 ACAAAGGAACCTATGCTTGGGAAACAAGGCAGAAATACAGTCCTCTATCGGCAGAGTATGATGGATACAGT
 AGTGAAGCATCAATAGATGAAGGAACTGCATTGAGAGAATGAGAAGAACACCCCGCTGGATGAATTGC
 AGCCACCACCATATCAGGATGACAGTGGTCTCCCATCTGTATGTACACCTCAGAAATGGGGACAG
 TAAATGTGAATTTCCCACTGCAGCAACAGTCCAAGATGCTCATATAACAAGTCCCAAGTGAAGGAAGC
 ACAGGTCATGAAATAGAAAGTTTTCATAATAAAGGATATGAAGAAGATGTTCCAAGTACAGCACTGCAG
 TCCTGAGCCCTGAAGATATGTCAGCTCAAGGATCATCTTCGAGCTTCCTAAACCTTTTGATCCTGAGCC
 AGAAGCTAAATATGGCACACTGGATGTGACTTTTGACTATGACTCACAAGAACAGAAGCTTCTGGTAACA
 GTGACAGCTGTACAGACATCCCAACATATAACAGGACAGGTGGCAACTCATGGCAAGTACACCTTGTTCT
 TTCTACCTATAAAGAAACAGAGAGCAAAACCAGCATCCAGAGAGGACCATGCCCTGTCTTACAGAAAC
 ATTTAAATTTAATCATGTTGAATCTGAGATGATTGGAATTATGCAGTTCGGTTTAGACTGTATGGTGTA
 CATCGCATGAAAAAGAAAAGATTGTGGGGAAAAGATTTTTTATTTAACAAAATTGAATCTTCAAGGGA
 AAATGTCATTGCCGTGTATATTGGAACCTTCTTACAATCATTCTGGCTGTGACTCCCAATGAGCGTGTCT
 AGAAATGTCGTGTAGTGAAGTACATCCTCATGTGAGTCTCTTGAACATGGCTCAGTTCCAGAAATCTT
 ATTGGCCTGCTTTATAATGCCACAACCTGGAAGACTATCAGCAGAAGTGATAAAGGCAGCCACTTCAAAA
 ATTTGGCAGCAACAGACCACCAATACATATGTTAAGTTAACTCTACTGAATTCATGGGTCAAGAGAT
 GTCCAAATGCAAGACATCCATCCGAGAGGGCAGCCAAATCCAGTATATAAGGAACTTTTGTCTTTCAA
 GTGGCCCTATTTTCACTTTCTGATGTGACACTCATACTGTCTGTGTATAACAAACGCAGCATGAAAAAGAA
 AAGAGATGATAGGCTGGATTTCTTTAGGTCTCAACAGCTCTGGAGAAGAAGAACTCAATCACTGGACTGA
 AATGAAAGAGTCAAAGGACAGCAAGTATGTAGATGGCATGCGTTGCTAGAGTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MAIEGGERTCGVHELICIRKVSPEAVGFLSAVGVFIIILMLLLFLYINKKFCFENVGGFDPDLGSEYSTRKN
 SQDKIYNSYMDKDEHGSSSESEDEALGKYHEALSRTHNSRLPLADSRQRNYAWETRQKYSPLSAEYDGYS
 SEASIDEGNCIQRMRTPLDELQPPYQDDSGSPHLSCTPSEIGDSKCEFSHCSNSPRCSYNKCPSEGS
 TGHEIESFHNKGYEEDVPSDSTAVLSPEDMSAQGSSSQLPKPFDPEPEAKYGTLDVTFDYDSQEQKLLVT
 VTAVTDIPTYNRTGGNSWQVHLVLLPIKKQRAKTSIQRGPCPVFTETFKFNHVESEMIGNYAVRFRLYGV
 HRMKKEKIVGEKIFYLTKLNLQGMSPVILEPSYNHSGCDSQMSVSEMSCSESTSSQSLEHGSVPEIL
 IGLLYNATTGRLSAEVIKGSFKNLAANRPNTYVKLLTLLNSMGQEMSKCKTSIRRGQPNPVYKETVFVQ
 VALFQLSDVTLILSVYNKRSMKRKEMIGWISLGLNSSGEEELNHWTEMKESKGQVCRWHALLES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_153262
ORF Size: 1665 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_153262.1
RefSeq Size:	2960 bp
RefSeq ORF:	1668 bp
Locus ID:	255928
UniProt ID:	Q8NB59
Cytogenetics:	1q32.2
MW:	62.1 kDa