

Product datasheet for RC212652A1V

Human Synaptotagmin VII (SYT7) (NM_004200) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Synaptotagmin VII (SYT7) (NM_004200) AAV Particle
Tag:	Myc-DDK
Symbol:	Synaptotagmin VII
Synonyms:	IPCA-7; IPCA7; PCANAP7; SYT-VII; SYTVII
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC212652 representing NM_004200 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTACCGGGACCCGGAGGGCGGCCAGCCAGGGGCGCCCTCGCGCGACGTCTGCTGGTCTCTGCCATCA
TCACCGTCAGCCTTAGCGTCACTGTCTGCTCTGCGGCCCTCTGCCACTGGTGTACAGCGCAAACCTGGGCAA
ACGCTACAAGAATTCTTGGAGACGGTGGGCACGCCAGACTCAGGGCGTGGGCGCAGTGAGAAGAAGGCT
ATCAAGTTGCCTGCAGGAGGGAAGGCGGTGAACACAGCCCCGTGCCAGGCCAGACCCACGATGAGT
CCGACCGCCGGACCGAGCCAGTTCCTCCGTCAGACCTCGTCAACTCCCTCACCAGCGAGATGCTCAT
GCTCTCCCCAGGCTCCGAGGAGGATGAGGCCACGAGGGTTGCAGCCGAGAGAACCTGGGCCGGATCCAG
TTCAGTGTCCGGCTACAACCTCCAGGAGTCCACGCTCACCGTGAAGATCATGAAGGCCAGGAGCTGCCGG
CCAAGGACTTCAGCGGCACCAGCGACCCCTTCGTCAAGATCTACCTGCTGCCGACAAGAAGCACAAAGCT
GGAGACCAAGGTGAAGCGGAAGAACCTGAACCCCACTGGAACGAGACCTTCTCTTTGAAGTTTTCC
TATGAGAAGGTGGTGCAGAGGATCCTCTACCTCAAGTCTGGACTATGACCGCTTCAGCCGCAACGACC
CCATTGGGGAGGTGCCATCCCCCTTAAACAGGTGGACCTGACCCAGATGCAGACCTTCTGGAAGGATCT
GAAGCCATGCAGCGATGGGAGTGGGAGCCGAGGGGAGCTGCTCTTGTCTCTCTGCTACAACCCCTCTGCC
AACTCCATCATCGTGAACATCATCAAAGCCCGAACCTCAAAGCCATGGACATCGGGGGACATCAGACC
CCTACGTGAAGGTATGGCTGATGTACAAGGACAAGCGGGTGGAGAAGAAGAAGACGGTGCAGATGAAGAG
GAACCTGAACCCATCTTCAATGAGTCTTCGCTTCGATATCCCCACGAGAAGCTGAGGGAGACGACC
ATCATCATCACTGTATGGACAAGGACAAGCTCAGCCGAATGACGTATCGGCAAGATCTACCTGTCTCT
GGAAGAGCGGGCCAGGGGAGGTGAAGCACTGGAAGGACATGATTGCCCGTCCCCGGCAGCCCGTGGCCCA
GTGGCACCACTGAAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC212652 representing NM_004200 Red=Cloning site Green=Tags(s)</p> <p>MYRDPEAASPGAPSRDVLVLSAIIIVSLSVTVVLCGLCHWCQRKLGKRYKNSLETVGTPDSGRGRSEKKA IKLPAGGKAVNTAPVPGQTPHDESDRRTEPRSSVSDLVNSLTSEMLMLSPGSEEDAHEGCSRENLGRIQ FSVGYNFQESTLTVKIMKAQELPAKDFSGTSDPFVKIYLLPDKKHKLETKVKKRNLNPHWNETFLFEGFP YEKVVQRILYLQVLDYDRFSRNDPIGEVSIPLNKVDLTQMOTFWKDLKPCSDGSGSRGELLLSLCYNPSA NSIIVNIIKARNLKAMDIGGTSDPYVKVWLMYKDKRVEKKKTVTKRNLNPIFNESFAFDIPTEKLRETT IITVMDKDKLSRNDVIGKIYLSWKS GPGEVKHWKDMIARPRQPVAQWHQLKA</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004200
ORF Size:	1209 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_004200.2
RefSeq Size:	4609 bp
RefSeq ORF:	1212 bp
Locus ID:	9066
UniProt ID:	O43581
Cytogenetics:	11q12.2
MW:	45.3 kDa