

Product datasheet for **RC221273A1V**

Human Synapsin I (SYN1) (NM_006950) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Synapsin I (SYN1) (NM_006950) AAV Particle
Tag:	Myc-DDK
Symbol:	SYN1
Synonyms:	EPILX; MRX50; SYN1a; SYN1b; SYN1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221273 representing NM_006950
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACTACCTGCGGCGCCGCTGTGCGACAGCAACTTTATGGCCAATCTGCCAAATGGGTACATGACAG
 ACCTGCAGCGTCCGCAGCCGCCCCACCGCCGCCCGGTGCCACAGCCCGGAGCCACGCCCGGTCCCGG
 GACCGCCACTGCCGAGAGGTCTCCGGGTGCGCCAGCGGCCTCTCCGGCCGCCCTAGCCCGGGTCC
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 GCACGCCTTCAGCATGCGACGCAACGGAGACTACCGAGTTTGGTCATTGGGCTGCAGTATGCTGGAATC
 CCCAGTGTAACTCCTTGCAATTCTGTCTACAACCTCTGTGACAAGCCCTGGGTGTTTGCCAGATGGTTC
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 GACAGATACAAGCTGTGGGTGGACAGTGTCTCAGAGATTTTGGGGGACTGGACATCTGCGCAGTGAAG
 CGCTACATGGCAAGGACGGAAGGATCACATCATTGAGGTGGTGGTTCTCCATGCCGCTCATTGGTGA
 CCACAGGATGAAGACAAACAGCTCATCGTAGAGCTCGTGGTCAACAAGATGGCTCAGGCCCTGCCCCGG
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 CGCCCCAGCAGCCCGTCCAGGCCCGCGCCGCCAGCCAGGGTCAAGGCCGCAATCCCGGCCAGTGGC
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 CCACAGGCTACCCGTGAGACATCCGTCTCTGGCCCGGCTCCGCCAAAGGCCTCTGGGGCCCCACCGGGCG
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 GGGTCCCGTGCCCGCACTGGGCCACCCACACGACGAGCCTCGGCCAGCGGCCCGGGCCCCGCTGGA
 CGTCCCAAACACAGCTGGGCCAGAAACCCAGCCAGGACGTGCCGCCACCCGCCACCGCGCTGCAGGGG
 GACCTCCGACCCCCAGCTCAACAAATCCAGTCTCTGACCAATGCCTTCAACCTTCCAGAGCCAGCCCC
 GCCCAGGCCAGCCTTAGCCAGGACGAGGTGAAAGCTGAGACCATCCGCAGCCTGAGGAAGTCTTTCGCC
 AGCCTCTTCTCCGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221273 representing NM_006950 Red=Cloning site Green=Tags(s) MNYLRRRLSDSNFMANLPNGYMTDLQRPQPPPPPPGAHSPGATPGPGTATAERSSGVAPAASPAAPSPGS SGGGGFFSSLNAVKQTAAAAATFSEQVGGSGGAGRGAASRVLLVIDEPHTDWAKYFKGKKIHGEID IKVEQAEFSDLNLVAHANGGFSVDMELRNGVKVVRSLKPDFVLRQHAFSMARNGDYRSLVIGLQYAGI PSVNSLSVYNFCDKPWVFAQMVRLHKKLGTEEFPLIDQTFYPNHKEMLSSTTYPVVVKMGHAHSGMGKV KVDNQHDFQDIASVVALTKTYATAEPFIDAKYDVRVQKIGQNYKAYMRTSVSGNWKNTGSALEQIAMS DRYKLWVDTCSSEIFGGLDICAVEALHGKDGRDHIIEVVGSSMPLIGDHQDEDKQLIVELVVKMAQALPR QRQDASPGRGSHGQTPSPGALPLGRQTSQQPAGPPAQQRPPQGGPPQPGPGPQRQGPPLQQRPPQGGQ QHL SGLGPPAGSPLPQRLPSPTSAPQQPASQAAPPTQGGGRQSRPVAGGPGAPPAARPPASPSQRQAGP PQATRQTSVSGPAPPKASGAPPGGQQRQGPQKPPGPAGPTRQASQAGPVPRTPPTTQQRPSGPGPAG RPKPQLAQKPSQDVPPPATAAAGGPPHPQLNKSQSLTNAFNLPEPAPPRPSLSQDEVKAETIRSLRKSFA SLFSD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006950
ORF Size:	2115 bp
Buffer:	PBS with 0.001% Pluronic F8313
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_006950.2
RefSeq Size:	2248 bp
RefSeq ORF:	2118 bp
Locus ID:	6853
UniProt ID:	P17600
Cytogenetics:	Xp11.3-p11.23
MW:	73.9 kDa