

Product datasheet for **RC226544A1V**

Human SYT2 (NM_001136504) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SYT2 (NM_001136504) AAV Particle
Tag:	Myc-DDK
Symbol:	SYT2
Synonyms:	CMS7; MYSPC; SytII
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC226544 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGGAACATTTTCAAGAGGAACAGGAGCCTATTGTGGCTCCTGCCACCACCACCGCCACGATGCCCA
TTGGACCCGTGGACAACCTCACTGAGAGTGGGGTCTGGGGAGAGCCAGGAGGACATGTTTGCCAACT
GAAGGAGAAGTTATTCAATGAGATAACAAGATTCCCTTACCACCCTGGGCACTGATCGCCATTGCTGTG
GTTGCTGGGCTCCTGCTTCTCACCTGCTGCTTCTGCATCTGCAAGAAATGCTGCTGCAAGAAGAAGA
ACAAGAAGGAGAAGGGCAAAGGCATGAAGAATGCCATGAACATGAAGGACATGAAAGGGGTCAGGATGA
CGACGACGCAGAGACAGGCCTGACTGAGGGGGAAGGTGAAGGGGAGGAGAGAGAAAGGCCAGAGAACCTG
GGCAAACCTGCAGTTTTCCCTGGACTATGATTTTCAGGCTAATCAGCTTACTGTGGGCGTTCTGCAGGCTG
CTGAACTGCCTGCCCTGGACATGGGAGGCACCTCAGACCCTTATGTCAAGGTCTTCTCCTTCTGACAA
GAAGAAGAAATATGAGACCAAAGTCCATCGGAAGACACTGAACCCTGCCTTCAATGAAACCTTCACCTTC
AAGGTGCCATACCAGGAGCTTGGGGGCAAACTCTGGTATGGCCATCTATGACTTTGACCGCTTCTCCA
AACATGACATCATTGGAGAGGTAAGGTGCCTATGAACACAGTGGACCTCGGCCAGCCATTGAGGAGTG
GAGAGACCTGCAAGGCGGGGAAAAGGAGGAGCCGGAAGCTGGGCGACATCTGCACCTCCCTGCGCTAT
GTGCCACGGCCGGGAAGCTCACTGTCTGCATCCTGGAGGCTAAGAACCTCAAGAAGATGGACGTGGGCG
GCCTTTTACAGCCGTACGTGAAGATCCACCTGATGCAGAATGGCAAGAGGCTCAAGAAGAAGAAGACAAC
CGTGAAGAAGAAGACCCTGAACCATACTTCAACGAGTCTTACGCTTTGAGATCCCCTTCGAGCAGATT
CAGAAAGTCCAGGTAGTGGTCACCGTGTGACTATGACAAGCTGGGCAAGAACGAAGCCATAGGCAAGA
TCTTCTGTGGGCGAGCAATGCCACGGGCACAGAGCTGCGGCACTGGTCCGACATGCTGGCAACCCCGGAG
GCCCATCGCCAGTGGCACTCGCTCAAGCCTGAGGAGGAGGTGGATGCACTCCTGGGCAAGAACAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC226544 protein sequence Red=Cloning site Green=Tags(s) MRNIFKRNQEPIVAPATTATMPIGPVDNSTESGGAGESQEDMFAKLKEKLFNEINKIPLPPWALIAIAV VAGLLLLTCCFCICKKCCCKKKKNKKEKGKGMKNAMMKDMKGGQDDDDAETGLTEGEGEGEEKEPENL GKLQFSLDYDFQANQLTVGVLQAAELPALDMGGTSDPYVKVFLLPDKKKKYETKVHRKTLNPAFNETFTF KVPYQELGGKTLVMAIYDFDRFSKHDIIIGEVKVPMTVDLGQPIEEWRDLQGGEKEEPEKLGDICTSLRY VPTAGKLTVCILEAKNLKKMDVGGLSDPYVKIHLMQNGKRLKKKKTTVKKKTLNPFNFESFSFEIPFEQI QKVQVVVTVLDYDKLGKNEAIGKIFVGSNATGTELRHWSMDLANPRRPIAQWHSCLKPEEEVDALLGKNK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001136504
ORF Size:	1257 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_001136504.1</u> , <u>NP_001129976.1</u>
RefSeq Size:	7614 bp
RefSeq ORF:	1260 bp
Locus ID:	127833
UniProt ID:	<u>Q8N9IQ</u>
Cytogenetics:	1q32.1
MW:	46.9 kDa