

Product datasheet for **RC208972A1V**

Human Synaptophysin (SYP) (NM_003179) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Synaptophysin (SYP) (NM_003179) AAV Particle
Tag:	Myc-DDK
Symbol:	Synaptophysin
Synonyms:	MRX96; MRXSYP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC208972 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGCTGCTGGCGGACATGGACGTGGTGAATCAGCTGGTGGCTGGGGGTCAAGG
AGCCCCTCGGCTTTGTGAAGGTGCTGCAATGGTCTTCGCCATCTTCGCCTTGCCACATGCGGCAGCTA
CAGTGGGAGCTCCAGCTGAGCGTGGATTGTGCCAACAAGACCGAGAGTGACCTCAGCATCGAGGTGAG
TTTCGAGTACCCCTTCAGGCTGCACCAAGTGTACTTTGATGCACCCACCTGCCGAGGGGGACCAACCAAG
TCTTCTTAGTTGGGGACTACTCCTCGTCAGCCGAATTCTTTGTACCGTGGCCGTGTTTGCCTTCCTCTA
CTCCATGGGGGCTCTGGCCACCTACATCTTCTGCAGAACAAGTACCGAGAGAATAACAAAGGGGCCATG
CTGGACTTTCTGGCCACGGCTGTGTTTCGCCTTCATGTGGCTAGTTAGCTCATCGGCATGGGCCAAGGGGC
TGTCAGATGTGAAGATGGCCACAGACCCAGAGAACATTATCAAGGAGATGCCTGTCTGCCGCCAGACAGG
GAACACATGCAAGGAGCTGAGAGACCTTGTGACCTCGGGACTCAACACCTCGGTGGTGTTCGGCTTCCTG
AACCTGGTGTCTGGGTGGCAACCTGTGGTTCGTGTTTAAGGAGACAGGCTGGGCCGCCCGTTCTCTGC
GCGCGCCTCCCGCGCCCCGAGAAACAACCGGCACCCGGGGACGCCTACGGCGATGCAGGCTACGGGCA
GGGCCCCGGCGGTACGGGCCCCAGGATTCTACGGGCCTCAGGGCGGCTACAGCCTGACTATGGTCAA
CCAGCCGGCAGCGGTGGCAGTGGCTACGGGCCTCAGGGCGACTATGGGCAGCAAGGCTACGGCCCCGAGG
GTGCACCCACCTCCTTCTCCAATCAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC208972 protein sequence Red=Cloning site Green=Tags(s) MLLLADMDVVNQLVAGGQFRVVKELGFKVLQWVFAIFAFATCGSYSGELQLSVDCANKTESDLSIEVE FEYPPFRLHQVYFDAPTCRGGTTKVFLVGDYSSSAEFFVTVAVFALYSMGALATYIFLQNKYRENNKGPM LDFLATAVFAFMWLVSASAWAKGLSDVKMATDPENIIKEMPVCRQTGNTCKELRDLVTSGLNTSVVFGFL NLVLWVGNLWFVKETGWAAPFLRAPPGAPEKQAPAGDAYGDAGYGQGGPGGYGPQDSYGPQGGYQPDYGG PAGSGSGYGPQGDYGGQGYGPQGAPTSFSNQM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003179
ORF Size:	939 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_003179.2
RefSeq Size:	2449 bp
RefSeq ORF:	942 bp
Locus ID:	6855
UniProt ID:	P08247
Cytogenetics:	Xp11.23
MW:	33.9 kDa