

Product datasheet for **RC208146A1V**

Human Synaptotagmin VI (SYT6) (NM_205848) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Synaptotagmin VI (SYT6) (NM_205848) AAV Particle
Tag:	Myc-DDK
Symbol:	Synaptotagmin VI
Synonyms:	sytVI
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC208146 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCCTGGAGGAACAAGGAGGCTCCAGTCCCTCTTCTGCTAATCCCCCTTGAAGCCCTCCAGAGCC
CCAGCTTCAGAGGCAACATGGCGGACAAGCTGAAGGACCCAGCACCCCTGGGCTTCTGGAGGCGGCCGT
GAAGATCAGCCACACGTCCCCAGATATCCAGCTGAGGTGCAGATGTCGGTCAAGGAGCACATCATGCGT
CACACCCGGCTGCAGCGGCAAACTACAGAGCCAGCGTCATCCACAGGCACACGTCTTCAAGCGCCACC
TGCCAAGGCAGATGCATGTCTCCAGTGTAGACTATGGCAATGAGCTTCCACAGCAGCAGAGCAGCCAC
CAGCAATTGGCCGCATCAAGCCTGAGCTCTACAAGCAGAAGTCGGTGGATGGGGAGGATGCCAAGTCTGAG
GCCACCAAGAGCTGCGGGAAGATCAACTTCAGCCTACGCTACGATTACGAGACCGAGACCCTGATTGTGC
GTATCCTGAAGGCTTTTGACCTCCCTGCCAAGGACTTTTGTGGAAGCTCTGACCCTTATGTCAAGATCTA
CCTCCTGCCTGACCGCAAATGCAAGCTGCAGACCCGGGTGCACCGCAAGACCCTGAACCCACCTTTGAT
GAGAACTTCCACTTCCCTGTGCCCTATGAGGAGCTGGCTGACCGCAAGCTGCATCTCAGTGTCTTCGACT
TTGACCGCTTCTCCCGCATGACATGATTGGCGAGGTATCCTGGACAACCTCTTTGAGGCTCTGACCT
GTCTCGGAAACCTCCATCTGGAAGGATATCCAATATGCCACAAGTGAAGCGTGGACTTGGGAGAGATC
ATGTTCTCCCTTTGCTACCTGCCACTGCAGGCAGGCTCACCTCACAGTGATTAAGTGTGGAACCTCA
AGGCGATGGACATCACAGGCTATTCAGATCCCTATGTGAAAGTGTCTTGTCTGTGATGGGCGGAGGCT
GAAGAAGAAGAAAACAACCATAAAGAAAAACACTCTCAATCCTGTCTACAATGAGGCCATCATCTTTGAC
ATTCCTCCCGGAAAACATGGATCAAGTCAGCCTGCTCATCTCAGTCATGGACTATGATCGAGTGGGCCACA
ATGAGATCATAGGAGTCTGTCGTGTGGGATCACTGCTGAAGGCTGGGAGGGGACCACTGGAACGAGAT
GCTGGCATACCCCGGAAGCCCATCGCACACTGGCACTCCTTGGTGGAGGTAAGAAATCCTTCAAAGAG
GGAAACCTCGGTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC208146 protein sequence Red=Cloning site Green=Tags(s) MPWRNKEASSPSSANPPLEALQSPSFRGNMADKLKDPSTLGFLEAAVKISHTSPDIPAEVQMSVKEHIMR HTRLQRQTTEPASSTRHTSFKRHLPRQMHVSSVDYGNELPPAAEQPTSIGRIKPELYKQKSVDGEDAKSE ATKSCGKINFSLRYDYETETLIVRILKAFDLPKDFCGSSDPYVKIYLLPDRKCKLQTRVHRKTLNPTFD ENFHFPVPYEELADRKLHLSVDFDFRFSRHDMEVILDNLFEASDLRETSIWKDIQYATSESVDLGEI MFSLCYLPTAGRLTLTVIKCRNLKAMDITGYSDPYVKVSLLCDGRRLKKKKTIIKKNTLNPVYNEAIIIFD IPPENMDQVSLLSVMDYDRVGHNEIIGVCRVGITAEGLRDHWNEMLAYPRKPIAHWHSLEVKKSFKKE GNPRL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_205848
ORF Size:	1275 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_205848.2
RefSeq Size:	4357 bp
RefSeq ORF:	1278 bp
Locus ID:	148281
UniProt ID:	Q5T7P8
Cytogenetics:	1p13.2
MW:	48.4 kDa