

Product datasheet for **MR207784A1V**

Mouse Syt16 (BC056932) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Syt16 (BC056932) AAV Particle
Tag:	Myc-DDK
Symbol:	Syt16
Synonyms:	6430703N11, Strep14, syt14r
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207784 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTAGCAAAGAAGGAGGAGGAGAAGGAGAAGAAATTATTCACAATGTTAACAGCTTTGGGGATGATG
 AAGAGCCATCCACATCTTCTGAGAGTGATGAAGATGTGACTAAGCAATTCAGATCTCAGTGCCCGATC
 CCAGAGTTTTCGTTCAGGAGTATCTGAGAAGGGAAAGACAACAGAGTTGGAGCAGAAAATAAAATGCAAA
 CGTTTTGCTGTGTACCCACCAGGAAGACAGCGCTGAAGGGTCTGCTTGTGAAGATTTGGATCGAACCGCC
 AACTTAGTTATTCTGAGATTCTGTCTTATGAAGACCGCCCATTTCCATTCTCCACAATCCCCCTTCGA
 GAGCAGGAACGTAGGCATCATGGCCCTTCCGTCGCGGAGATGGGCATGGTCCGAAGCCTCGTCTGCTCT
 TGTGCAGATGGCGTCTGGAGACGGAGACGCTTTTGTGAGTCGGGGCTTTGAAGATTCATGCCACCC
 ACAGTTCCTCTGTGGAGTCCAGAGGAGCAGGATGGCACCAGTCTGCAGGTACCACACAGGCTTTTGA
 GCCTATCTCAAAATGCGGTGACCTCGATGTCATCTTTGAATATAGAGCTGTAACCCAGAAGCTCACTGTG
 ACCATTGTGAGAGCACAGGGTCTCCAGATAAGGACCGAAGTGGTGTCAACTCTTGGCAAGTTCACATAG
 TGCTGTGCTCCAGCAAGAAACAGAGGGGTAAGACGAACATACAGAGAGGGCCCAACCCTGTCTTCAAGGA
 AAAGGTCACCTTACCAAGCTGGAGCCAGAGATGTGGCTTCTGTGCTCCGCTTCCGCTGTATGCT
 GCCCGTAAGATGACCCGGGAGAGAATGATGGGGGAGAAGCTGTCTGTCTCAGCCACTTGACCCAGAAG
 GGGAAATGAAAGTGACTCTGGTTCTGGAGCCAAGAAGTAATCTGAGCAGTGGAGAGTCTCCGCTCAGCCC
 ATCTGTGGTGTCTCACAGTGACAGTCTTATCCACGCAGTCACTGTCTCATGGAGGGGTGCCAGAGTCC
 CTGGTGGGACTGTCTACAATGCCACAACAGGGCGATTATCTGTGGAAATGATCAAAGGCAGCCATTTCC
 GCAACCTCGCTGCTAACCGAGCTCCTGACACATATGGAAAACCTTCTCTCACTGTGTGGGTCAAGA
 GATGTCCCGCTGCAAGACGTCCATTCTGTCGTGGCCAACCAACTCTGTCTATAAAGAGACCTTTGTCTTC
 CAGGTGGCCCTCTCCAGCTCTCGGACGTCACCTTGATGATTTCCATTTACAGCAGGCGCACTATGAAGC
 GTAAAGAGATGATCGGCTGGGTCTGCTGGGCCAGAACAGCAGTGGGGAGGAGGAGCAGGAACACTGGGA
 GGAAATGAAGGAAAGCAAGGGCCAGCAGACCTGCCGGTGCATACGCTGTTGGAATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207784 protein sequence
 Red=Cloning site Green=Tags(s)

MTSKEGGEGEEIIHNVNSFGDDEEPSTSSSEDEDVTKQFKISVSRSSQFRSGVSEKGTTELEQKIKCK
 RLLCTHQEDSAEGSACEDLDRTSQLSYSEILSYEDRPISILPQSPFESRNVRRHHGPCRPENGMVRSRSLGRP
 CADGVLETETAFVSRGFEDSYATHSSSLWSPEEQDGTSLQVPHRLLEPI SKCGDLVIFEYRAVTQKLTV
 TIVRAQGLPKDRSGVNSWQVHIVLLPSKKQRGKTNIQRGNPVPFKEKVTFTKLEPRDVASCAVRFRLYA
 ARKMTREMMGEKLFCLSHLHPEGEMKVTLVLEPRSNLSSGESPLSPSVVSHSDSASSTQSLSHGGVPEL
 LVGLSYNATTGRLSVEMIKGSHFRNLAANRAPDTYGKLFLLNCVQEMSRCKTSIRRGQPNPVYKETFVF
 QVALFQLSDVTLMISIIYSRRTMKRKEMIGWVALQONSSGEEEQEHWEEMKESKGQQTCTRWHTLLES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

BC056932

ORF Size:

1458 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>BC056932</u> , <u>AAH56932</u>
RefSeq Size:	2829 bp
RefSeq ORF:	1460 bp
Locus ID:	238266
Cytogenetics:	12 C3
MW:	54.4 kDa