

Product datasheet for **MR209591A1V**

Mouse Syk (NM_011518) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Syk (NM_011518) AAV Particle
Tag:	Myc-DDK
Symbol:	Syk
Synonyms:	Sykb
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209591 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGCGGGAAGTGTGTGGACAGCGCCAACCACCTGACCTACCTTTTGGCAACATCACCCGGAAGAGG
CTGAAGACTACCTGGTCCAGGGAGGCATGACCGATGGGCTCTACCTGCTACGCCAGAGCCGCAATTACCT
GGGTGGTTTTGCTTTGTCGGTGGCTCACAACAGGAAGGCACACCACTACACCATCGAGAGGGAAGTTAAT
GGCACCTACGCCATCTCCGGGGCAGGGCCCATGCCAGCCAGCAGACCTCTGCCATTACCACTCCCAGG
AACCTGATGGCCTTATCTGCCTCTTAAGAAGCCCTTCAACCGGCCCCCGGGAGTACAGCCCAAGACCGG
ACCCTTTGAGGACCTGAAGGAGAACCTCATCAGGAATATGTAAACAGACCTGGAACCTTCAGGGCCAG
GCTCTGGAGCAAGCCATCATCAGCCAGAAGCCCCAGCTGGAGAAGCTGATCGCCACCACGGCCCATGAGA
AGATGCCCTGGTTCATGGCAACATCTCCAGAGATGAATCAGAGCAGACGGTCTCATAGGGTCAAAGAC
CAATGGAAAATTCCTGATCAGGGCCAGAGACAACAGCGGCTCCTATGCTCTGTGCTGCTGCACGAAGGG
AAAGTATTGCACTACCGCATTGACAGGGACAAGACCGGGAAGCTCTCATTCTGAGGGGAAGAAGTTTG
ACACCCTCTGGCAGCTAGTGGAACATTACTCTTACAAGCCAGATGGGCTACTAAGAGTCCTCACGGTACC
ATGCCAAAAGATTGGTGACAGATGGGCCAACCAGGAAGCCCAATGCCATCCCGTGACTTGGTCAACCG
GGTGGAATAATCTCAAGGATCAAATCCTACTCCTTCCCAAAGCCTGGCCACAAAAGCCTGCCCAACCC
AAGGGAGCCGTCCAGAGAGCACTGTGTCTTCAACCCCTATGAGCCAACGGGAGGGCCCTGGGGCCAGA
CAGAGGCCCTTCAGAGAGAAGCCCTGCCATGGACACAGAGGTGTACGAGAGCCCTTATGCTGACCCTGAA
GAGATCCGGCCCAAAGAGGTCTACCTGGACAGGAGCCTGCTGACCCTGGAGGACAATGAAGTGGGCTCCG
GTAACCTCGGGACTGTGAAAAAGGGATACTACCAATGAAAAAGTTGTAAAAACCGTGGCTGTGAAAAT
CCTGAAGAACGAGGCCAACGACCCGGCTTTGAAGGACGAGCTGCTGGCAGAGGCCAAGCTCATGCAGCAG
CTGGACAACCCCTACATTGTGCGCATGATCGGAATCTGCGAGGCGGAGTCTGGATGCTGGTGTGGAGA
TGGCGGAGCTGGGGCCGCTCAACAAGTACCTGCAGCAGAACAGGCACATTAAGGATAAGAACATCATAGA
GCTGGTTCACAGGTTTCCATGGGGATGAAGTATTTGGAAGAGAGCAACTTTGTGCACAGAGATCTGGCT
GCGCGGAACGTGCTTCTGGTCACACAGCACTATGCCAAGATCAGCGATTCGGTCTTTCCAAAGCCCTGC
GTGCTGATGAAAACCTACTACAAGGCCCAGACCCACGGGAAGTGGCCCGTGAAGTGGTACGCCCCGAATG
CATCACTACTACAAGTTCTCCAGTAAGAGTGACGTCTGGAGCTTCGGAGTCTGATGTGGGAAGCGTTC
TCCTATGGGCAGAAGCCCTACAGAGGGATGAAAGGGAGCGAAGTGACCGCATGCTGGAGAAAGGAGAGC
GGATGGGGTGCCTGCAGGATGCCCAGAGAGATGTACGACCTGATGAACCTGTGCTGGACTTACGATGT
GGAGAACAGGCCAGGATTACAGCTGTGGAAGTGGGCTTCGCAATTACTACTACGACGTGGTTAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209591 protein sequence

Red=Cloning site Green=Tags(s)

 MAGSAVDSANHLTYLFGNITREEAEDYLVQGGMTDGLYLLRQSRNYLGGFALSVAHNRKAHHTYIERELN
GTYAISGGRAHASPADLCHYHSQEPDGLICLLKPFNRPPGVQPKTGPFEDLKENLIREYVKQTWNLQGG
ALEQAIISQKPQLEKLIATTAHEKMPWFHGNISRDESEQTVLIGSKTNGKFLIRARDNSGSYALCLLHEG
KVLHYRIDRDKTGKLSIPEGKKFDLWQLVEHYSYKPDGLLRVLTVPCKIGAQMGHPGSPNAHPVTWSP
GGIISRIKSYSPKPGHKKPAPPQGSRPSTVSFNPYEPTGGPWGPDRLQREALPMDTEVYESPYADPE
EIRPKVEYLDRLSLTLEDNELGSGNFGTVKKGYQMKVVKTVAVKILKNEANDPALKDELLAEANVMQQ
LDNPYIVRMIGICEAESWMLVMEAEELGPLNKYLQQRHIKDKNIIELVHQSVMGMKYLEESNFVHRDLA
ARNVLLVTQHYAKISDFGLSKALRADENYYKAQTHGKWPVKWYAPECINYYKFSKSDVWSFGVLMWEAF
SYGQKPYRGMKGSEVTAMLEKGERMGCPAGCPREMYDLMNLCWTDYDENRPGFTAVELRLRNYYDVVN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_011518
ORF Size:	1887 bp
Buffer:	PBS with 0.001% Pluronic F696
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_011518.2, NP_035648.2</u>
RefSeq Size:	5148 bp
RefSeq ORF:	1890 bp
Locus ID:	20963
UniProt ID:	<u>P48025</u>
Cytogenetics:	13 27.41 cM
MW:	71.3 kDa