

Product datasheet for **RC212811A1V**

Human SIN1 (MAPKAP1) (NM_001006619) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SIN1 (MAPKAP1) (NM_001006619) AAV Particle
Tag:	Myc-DDK
Symbol:	SIN1
Synonyms:	JC310; MIP1; SIN1; SIN1b; SIN1g
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212811 representing NM_001006619
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCTTCTTGGACAATCCAATATCATTCTAGCTCATATTCGACAGTCACATGTGACCAGTGATGACA
 CGGGAATGTGTGAGATGGTTCTCATTGATCATGATGTTGACCTAGAGAAGATTATCCTCCTCAATGCC
 TGGAGACAGTGGGTGAGAAATCAGGGAAGCAATGGTGAAGTCAAGGGCTATGTATATGCCAGTCAGTC
 GATATTACCTCAAGTTGGGACTTTGGTATTAGAAGACGCTCAAACACAGCTCAAAGATTAGAAGACTCC
 GAAAAGAGAGACAAAACCAGATCAAAATGCAAAATATTAGTGGAAAGAAAGAAATTTCTAAGCAATCAGC
 CCAGGAGTTAAAGTCACTGTTTGAAGAAAAATCTCTCAAAGAGAAGCCTCCAATTTCTGGGAAGCAGTCG
 ATATTATCTGTACGCTAGAACAGTGCCTCTGCAGCTGAATAACCCCTTTAACGAGTATTCCAAATTTG
 ATGGCAAGGGTCATGTAGGTACAACAGCAACCAAGAAGATCGATGTCTACCTCCCTCTGCACTCGAGCCA
 GGACAGACTGCTGCCAATGACCGTGGTGAATGGCCAGCGCCAGGGTGCAGGACCTGATCGGGCTCATC
 TGCTGGCAGTATACAAGCGAAGGACGGGAGCCGAAGCTCAATGACAATGTCACTGCTACTGCCTGCATA
 TTGCTGAGGATGATGGGGAGGTGGACACCGATTTCCTCCCGCTGGATTCCAATGAGCCCATTCATAAGTT
 TGGCTTCAGTACTTTGGCCCTGGTTGAAAAGTACTCATCTCCTGGTCTGACATCCAAAGAGTCACTCTTT
 GTTCGAATAAATGCTGCTCATGGATTCTCCCTTATTAGGTGGACAACACAAAGGTTACCATGAAGGAAA
 TCTTACTGAAGGCAGTGAAGCGAAGAAAAGGATCCAGAAAGTTTCAGGCCCTCAGTACCGCCTGGAGAA
 GCAGAGCGAGCCCAATGTCGCCGTTGACCTGGACAGCACTTTGGAGAGCCAGAGCGCATGGGAGTTCTGC
 CTGGTCCGCGAGAACAGTATCTCTGGAGACAAAGTAGAGATAGACCCTGTTACGAATCAGAAAGCCAGCA
 CTAAGTTTGGATTAAGCAGAAACCATCTCAATCGATTCCGACCTGCTCTGTGCTGTGACCTTGCTGA
 AGAGAAAAGCCCGAGTCACGCAATATTTAAACTCACGTATCTAAGCAATCACGACTATAAACACCTCTAC
 TTTGAATCGGACGCTGCTACCGTCAATGAAATTGTGCTCAAGGTTAACTACATCTGGAATCGCGAGCTA
 GCACTGCCCGGCTGACTACTTTGCTCAAAAACAAAGAAAAGTGAACAGACGTACGAGCTTCAGCTTCCA
 GAAGGAGAAGAAATCCGGGCAGCAG

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212811 representing NM_001006619
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MAFLDNPTIILAHIRQSHVTSDDTGMCEMVLIDHDVDLEKIHPPSMPGDSGSEIQGSNGETQGYVYAQSV
 DITSSWDFGIRRRSNTAQRLERLRKERQNIQKCKNIQWKERNKQSAQELKSLFEKSLKEKPPISGKQS
 ILSVRLEQCPLQLNPFNEYSKFDGKGHVGTATKKIDVYLPLHSSQDRLLPMTVVMTASARVQDLIGLI
 CWQYTSEGREPKLNDNVSAYCLHIAEDDGEVDTDFPPLDSNEPIHKFGFSTLALVEKYSSPGLTSKESLF
 VRINAAGHGFSLIQVDNTKVTMKEILLKAVKRRKGSQKVSGPQYRLEKQSEPNVAVDLDTLESQSAWEFC
 LVRENSISGDKVEIDPVTNQKASTKFWIKQKPIISIDSDLLACDLAEEKSPSHAIFKLTLYLNHDYKHL
 FESDAATVNEIVLKVNYILESRASTARADYFAQKQRKLNRRTSFSFQKEKKSQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001006619

ORF Size:

1425 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_001006619.1</u> , <u>NP_001006620.1</u>
RefSeq Size:	3254 bp
RefSeq ORF:	1428 bp
Locus ID:	79109
UniProt ID:	<u>Q9BPZ7</u>
Cytogenetics:	9q33.3
MW:	53.6 kDa