

Product datasheet for **RC216909A1V**

Human SATB2 (NM_015265) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SATB2 (NM_015265) AAV Particle
Tag:	Myc-DDK
Symbol:	SATB2
Synonyms:	GLSS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC216909 representing NM_015265
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCGGCGGAGCGAGAGCCCGTGTCTGCGGGACAGCCCCGACCGCGGAGCGGCAGCCCGGACGTCA
 AGGGGCCCTCCCCAGTGAAGGTGGCCCGCTGGAGCAGAACGGCAGCCCCATGGGAGCCCCGCGGAGGCC
 CAACGGCGCCGTGGCCAAGGCCGTGGGAGGTTTGATGATTCTGTCTTTGTGTCTGGAGCAGTTGGAC
 GGCTCTCTTGAATATGACAACAGAGAAGAACACGCCGAGTTTGTCTGGTGGGAAAGATGTGCTTTTAA
 GCCAGCTGGTGGAGACTGCGCTCCTGGCCCTGGGGTATTCTCACAGCTCTGCGGCCAGGCCCAAGGAAT
 AATCAAGCTGGGAAGGTGGAACCTCTCCCCCTCAGTTATGTGACAGATGCACCCGACGCGACAGTGGCC
 GACATGCTACAAGATGTCTATCATGTTGTGACGTTGAAAATCCAATTACAAAGTTGTTCAAAGTTGGAAG
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 TTCTCTCAATCTGCCAGAAGTGGAGCGAGATCGCATCTACCAGGATGAGAGGGAGCGGAGCATGAATCCCA
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 CCTCTGTACCATCCGTCGCTTCTGAACCTTCCCGAGCATGAGAGGGATGTCATCTATGAGGAGGAGTCA
 AGGCATCACCACAGCGAACGCATGCAACACGTGGTCCAGCTTCCCGCTGAGCCGGTGCAGGTACTTCATA
 GACAGCAGTCTCAGCCAGCCAAGGAGAGTTCCCTCCAGAGAAGAAGCGCTCCCCACCTCCTCCGAC
 TGAAGACAGTTGTGCCAAAAAGCCCGTCTCGCACAAAGATCTCCTTAGAAGCCCTGGGGATCCTCCAA
 AGCTTTATTATGATGTAGGCCTGTACCCAGACCAGGAAGCCATCCACACTCTTTCGGCTCAGCTGGATC
 TCCCCAAACACACCATCATCAAGTTCTTCCAGAACAGCGGTACCACGTGAAGCACCACGGGAAGCTGAA
 AGAGCACCTGGGCTCCGCGGTGGACGTGGCTGAATATAAGGACGAGGAGCTGCTGACCGAGTCAGAGGAG
 AACGACAGCGAGGAAGGCTCCGAGGAGATGTACAAAGTGGAGGCTGAGGAGGAAAATGCTGACAAAAGCA
 AGGCAGCACCTGCCGAAATTGACCAGAGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC216909 representing NM_015265 Red=Cloning site Green=Tags(s) MERRSESPCLRDSPDRRSGSPDVKGPPPVKVARLEQNGSPMGARGRPNGAVAKAVGGLMIPVFCVVEQLD GSLEYDNREEHAFLVRKDVLFSQLVETALLALGYSHSSAAQAQGIKLGWNPPLSYVTDAPDATVA DMLQDVYHVVTLKIQLQSCSKLEDLPAEQWNHATVRNALKELLKEMNQSTLAKECPLSQSMISSIVNSTY YANVSATKCQEFGRWYKYYKKIKVERVERENLSDYCVLGQRPMHLPNMNQLASLGKTNEQSPHSQIHST PIRNQVPALQPI MSPGLLSPQLSPQLVRQIAMAHLINQQIAVSRLLAHQHPQAINQQFLNHPPIPRAVK PEPTNSSVEVSPDIYQQVRDELKRASVSQAVFARVAFNRTQGLLSEILRKEEDPRTASQSLLVNLRAMQN FLNLPEVERDRIYQDERERSMNPVSMVSSASSPSSSRTPQAKTSTPTDLPKVDGANINITAAIYDE IQQEMKRAKVSQALFAKVAANKSQGWLCELLRWKENPSPENRTLWENLCTIRRFNLNPQHERDVIYEEES RHHHSERMQHVVQLPPEPVQVLHRQQSQPAKESPPREEAPPPPPPTEDSCAKKPRSRTKISLEALGILQ SFIHDVGLYPDQEAHTLSAQLDLPKHTTIKFFQNQRYHVKHGKLEHLGSAVDVAEYKDEELLTESEE NDSEEGSEEMYKVEAEENADKSKAAPAEIDQR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_015265
ORF Size:	2199 bp
Buffer:	PBS with 0.001% Pluronic F7615
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_015265.1</u>
RefSeq Size:	4999 bp
RefSeq ORF:	2202 bp
Locus ID:	23314
UniProt ID:	<u>Q9UPW6</u>
Cytogenetics:	2q33.1
MW:	82.4 kDa