

Product datasheet for **RC200421A1V**

Human SATB1 (NM_002971) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SATB1 (NM_002971) AAV Particle
Tag:	Myc-DDK
Symbol:	SATB1
Synonyms:	DEFDA; KTZSL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200421 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGATCATTTGAACGAGGCAACTCAGGGGAAAGAACATTAGAAATGTCTAACAAATGTGAGTGATCCGA
AGGGTCCACCAGCCAAGATTGCCCGCCTGGAGCAGAACGGGAGCCCGCTAGGAAGAGGAAGGCTTGGGAG
TACAGGTGCAAAAATGCAGGGAGTGCCTTTAAACACTCGGGCCATCTGATGAAAACCAACCTTAGGAAA
GGAACCATGCTGCCAGTTTTCTGTGTGGTGAACATTATGAAAACGCCATTGAATATGATTGCAAGGAGG
AGCATGCAGAATTTGTGCTGGTGAAGGATATGCTTTTCAACCAGCTGATCGAAATGGCATTGCTGTC
TCTAGTTATTACATAGCTCTGCTGCCAGGCCAAAGGGCTAATCCAGTTGGAAAGTGAATCCAGTT
CCACTGTCTTACGTGACAGATGCCCTGATGCTACAGTAGCAGATATGCTTCAAGATGTGTATCATGTGG
TCATTGAAAATTCAGTTACACAGTTGCCCAAAGTGAAGACTTGCCTCCGAACAATGGTCGCACAC
CACAGTGAGGAATGCTCTGAAGGACTTACTGAAAGATATGAATCAGAGTTCATTGGCCAAGGAGTGCCCC
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TGAGCTATCCCAGCAAGGCGCCAATCATGTCAATTTTGCCAGCAACAGTTCAGGGAACACAGCCGAG
CAGCTCCATCCCCTGCGCAGCTCTCCCATGGCAGCCAGCCCTCTGTCCGGACACCTCTTCCAAACCTGC
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AAATCTACCAGTGGGTACGCGATGAAGTGAACGAGCAGGAATCTCCAGGCGGTATTTGCACGTGTGGC
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TCTTTGCTGGTAAACCTTCGGGCTATGCAGAATTTCTTGCAGTTACCGGAAGCTGAAAGAGACCGAATAT
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ACCCAGCCGTCCTCCCAGGTGAAAACAGCTACTATTGCCACTGAAAGGAATGGGAAACAGAGAACAAT
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TCCTTCTCCAGAAAACAGAACCTGTGGGAGAACCTCTCCATGATCCGAAGGTTCTCAGTCTTCTCAG
CCAGAACGTGATGCCATTTATGAACAGGAGAGCAACGCGGTGCATCACCATGGCGACAGGCCGCCCCACA
TTATCCATGTTCCAGCAGAGCAGATTACGCAACAGCAGCAGCAACAGCAACAGCAGCAGCAGCAGCA
GGCACCGCCGCTCCACAGCCACAGCAGCAGCCACAGCAGGCCCTCGGCTCCCCCACGGCAACCCACG
GTGGCCTCTCCAGCAGAGTCAGATGAGGAAAACCGACAGAAGACCCGGCCACGAACAAAATTTAGTGG
AAGCCTTGGGAATCCTCCAGAGTTTCATACAAGACGTGGGCTGTACCCTGACGAAGAGGCCATCCAGAC
TCTGTCTGCCAGCTCGACCTTCCCAAGTACACCATCATCAAGTTCTTTTCAAGAACAGCGGTACTATCTC
AAGCACCACGGCAAACTGAAGGACAATTCGGTTTAGAGGTGATGTGGCAGAATATAAAGAAGAGGAGC
TGCTGAAGGATTTGGAAGAGAGTGTCCAAGATAAAAACTAACACCCTTTTTTCAGTGAAACTAGAAGA
AGAGCTGTCAGTGGAAGGAAACACAGACATTAATACTGATTTGAAAGAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200421 protein sequence Red=Cloning site Green=Tags(s) MDHLNEATQGKEHSEMSNNVSDPKGPPAKIARLEQNGSPLGRGRLGSTGAKMQGVPLKHSGLMKTNLRK GTMLPVFCVVEHYENAI EYDCKEEHA EFLVRKDMLFNQLIEMALLSLGYSHSSAAQAKGLIQVGKWNPV PLSYVTDAPDATVADMLQDVYHVVT LKIQ LHSCP KLEDLPPEQWSHTTVRNAL KDLLKDMNQSSLAKECP LSQSMISSIVNSTYYANVSAAKCQEFGRWYKHFKTKDMMVEMDSLSEL SQQG ANHVNFGQQPVP GNTAE QPPSPAQLSHGSQPSVRTPLPNLHPGLVSTPI SPQLVNQQLVMAQLLNQQYAVNRLLAQQSLNQQLNHP PPVSRSMNKPLEQQVSTNTEVSSEIYQWVRDELKRAGISQAVFARVAFNRTQGLLSEILRKEEDPKTASQ SLLVNL RAMQNFLQLPEAERDRIYQDERERSLNAASAMGPAPLISTPPSRPPQVKTATIATERNGKPENN TMNINASIYDEIQQEMKRAKVSQALFAKVAATKSQGWLC ELLRWKEDSPENRTLWENLSMIRRFSLPQ PERDAIYEQESNAVHHHGDRPPHIIHVP AEQIQQQQQQQQQQQQQQAPPPQPQQQPQTGPRLPPRQPT VASPAESDEENRQKTRPRTKISVEALGILQSF IQDVGLYPDEEAIQTL SAQLDLPKYTI IKFFQNQRYYL KHHGKLKDNSGLEVDVAEYKEEELLKDLEESVQDKNTNTLFSVKLEEELSVEGNTDINTDLKD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002971
ORF Size:	2289 bp
Buffer:	PBS with 0.001% Pluronic F5062
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_002971.2</u>
RefSeq Size:	5556 bp
RefSeq ORF:	2292 bp
Locus ID:	6304
UniProt ID:	<u>Q01826</u>
Cytogenetics:	3p24.3
MW:	86 kDa