

Product datasheet for **RC226152A1V**

Human SATB1 (NM_001131010) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SATB1 (NM_001131010) 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:**

>RC226152 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGATCATTTGAACGAGGCAACTCAGGGGAAAGAACATTAGAAATGTCTAACAAATGTGAGTGATCCGA
 AGGGTCCACCAGCCAAGATTGCCCGCCTGGAGCAGAACGGGAGCCCGCTAGGAAGAGGAAGGCTTGGGAG
 TACAGGTGCAAAAATGCAGGGAGTGCCCTTTAAACACTCGGGCCATCTGATGAAAACCAACCTTAGGAAA
 GGAACCATGCTGCCAGTTTTCTGTGTGGTGGAACATTATGAAAACGCCATTGAATATGATTGCAAGGAGG
 AGCATGCAGAATTTGTGCTGGTGAGAAAGGATATGCTTTTCAACCAGCTGATCGAAATGGCATTGCTGTC
 TCTAGTTATTACATAGCTCTGCTGCCAGGCCAAAGGGCTAATCCAGTTGGAAAGTGAATCCAGTT
 CCACTGTCTTACGTGACAGATGCCCTGATGCTACAGTAGCAGATATGCTTCAAGATGTGTATCATGTGG
 TCACATTGAAAATTCAGTTACACAGTTGCCCAAAGTGAAGACTTGCCTCCGAACAATGGTCGCACAC
 CACAGTGAGGAATGCTCTGAAGGACTTACTGAAAGATATGAATCAGAGTTCATTGGCCAAGGAGTGCCCC
 CTTTCACAGAGTATGATTTCTTCCATTGTGAACAGTACTTACTATGCAAAATGTCTCAGCAGCAAAATGTC
 AAGAATTTGGAAGGTGGTACAAACATTTCAAGAAGACAAAAGATATGATGGTTGAAATGGATAGTCTTTC
 TGAGCTATCCCAGCAAGGCGCCAATCATGTCAATTTTGCCAGCAACAGTTCAGGGAACACAGCCGAG
 CAGCTCCATCCCCTGCGCAGCTCTCCCATGGCAGCCAGCCCTCTGTCCGGACACCTCTTCCAAACCTGC
 ACCCTGGGCTCGTATCAACACCTATCAGTCCTCAATTGGTCAACCAGCAGCTGGTGATGGCTCAGCTGCT
 GAACCAGCAGTATGCAGTGAATAGACTTTTAGCCAGCAGTCTTAAACCAACAATACTGAACCACCCT
 CCCCTGTGCTAGATCTATGAATAAGCCTTTGGAGCAACAGGTTTCGACCAACACAGAGGTGTCTTCCG
 AAATCTACCAGTGGGTACGCGATGAAGTGAACGAGCAGGAATCTCCAGGCGGTATTTGCACGTGTGGC
 TTTTAACAGAACTCAGGGCTTGCTTTCAGAAATCCTCCGAAAGGAAGAGGACCCCAAGACTGCATCCAG
 TCTTTGCTGGTAAACCTTCGGGCTATGCAGAATTTCTTGCAGTTACCGGAAGCTGAAAGAGACCGAATAT
 ACCAGGACGAAAGGGAAGGAGCTTGAATGCTGCCTCGGCCATGGGTCTGCCCCCTCATCAGCACACC
 ACCCAGCCGTCTCCAGGTGAAAACAGCTACTATTGCCACTGAAAGGAATGGGAAACAGAGAACAAT
 ACCATGAACATTAATGCTTCCATTTATGATGAGATTGAGCAGGAAATGAAGCGTGCTAAAGTGTCTCAAG
 CACTGTTTGCAAAGGTTGCAGCAACCAAAAGCCAGGGATGGTTGTGCGAGCTGTACGCTGGAAGAAGA
 TCCTTCTCCAGAAAACAGAACCTGTGGGAGAACCTCTCCATGATCCGAAGGTTCTCAGTCTTCTCAG
 CCAGAACGTGATGCCATTTATGAACAGGAGAGCAACGCGGTGCATCACCATGGCGACAGGCCGCCCCACA
 TTATCCATGTTCCAGCAGAGCAGATTACGCAACAGCAGCAGCAACAGCAACAGCAGCAGCAGCAGCA
 GGCACCGCCGCTCCACAGCCACAGCAGCAGCCACAGCAGGCCCTCGGCTCCCCCACGGCAACCCACG
 GTGGCCTCTCCAGCAGAGTCAGATGAGGAAAACCGACAGAAGACCCGGCCACGAACAAAATTTAGTGG
 AAGCCTTGGGAATCCTCCAGAGTTTCATACAAGACGTGGGCTGTACCCTGACGAAGAGGCCATCCAGAC
 TCTGTCTGCCAGCTCGACCTTCCCAAGTACACCATCATCAAGTTCTTTCAGAACCAGCGGTACTATCTC
 AAGCACCACGGCAAACTGAAGGACAATTCGGTTTAGAGGTGATGTGGCAGAATATAAAGAAGAGGAGC
 TGCTGAAGGATTTGGAAGAGAGTGTCAGATAAAAACTAACACCCCTTTTTCAGTGAAACTAGAAGA
 AGAGCTGTCAGTGGAAGGAAACACAGACATTAATACTGATTTGAAAGAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC226152 protein sequence Red=Cloning site Green=Tags(s) MDHLNEATQGKEHSEMSNNVSDPKGPPAKIARLEQNGSPLGRGRLGSTGAKMQGVPLKHSGLMKTNLRK GTMLPVFCVVEHYENAI EYDCKEEHAEFVLVRKDMLFNQLIEMALLSLGYSHSSAAQAKGLIQVGKWNPV PLSYVTDAPDATVADMLQDVYHVVT LKIQ LHSCP KLEDLPPEQWSHTTVRNAL KDLLKDMNQSSLAKECP LSQSMISSIVNSTYYANVSAAKCQEFGRWYKHFKTKDMMVEMDSLSEL SQQG ANHVNFGQQPVP GNTAE QPPSPAQLSHGSQPSVRTPLPNLHPGLVSTPISPQLVNQQLVMAQLLNQQYAVNRLLAQQSLNQQLNHP PPVSRSMNKPLEQQVSTNTEVSSEIYQWVRDELKRAGISQAVFARVAFNRTQGLLSEILRKEEDPKTASQ SLLVNL RAMQNFLQLPEAERDRIYQDERERSLNAASAMGPAPLISTPPSRPPQVKTATIATERN GK PENN TMNINASIYDEIQQEMKRAKVSQALFAKVAATKSQGWLC ELLRWKEDPSPENRTLWENLSMIRRFSLPQ PERDAIYEQESNAVHHHGDRPPHIIHVP AEQIQQQQQQQQQQQQQQAPPPQPQQQPQTGPRLPPRQPT VASPAESDEENRQKTRPRTKISVEALGILQSF IQDVGLYPDEEAIQTL SAQLDLPKYTI IKFFQNQRYYL KHHGKLKDNSGLEVDVAEYKEEELLKDLEESVQDKNTNTLFSVKLEEELSVEGNTDINTDLKD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001131010
ORF Size:	2289 bp
Buffer:	PBS with 0.001% Pluronic F9077
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_001131010.1</u>
RefSeq Size:	4054 bp
RefSeq ORF:	2292 bp
Locus ID:	6304
UniProt ID:	<u>Q01826</u>
Cytogenetics:	3p24.3
MW:	86 kDa