

Product datasheet for **RN210411**

Satb2 (NM_001109306) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Satb2 (NM_001109306) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Satb2
Synonyms:	RGD1562369
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210411 representing NM_001109306
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCGCGGAGCGAGAGCCCGTGTCTTCGGGACGCCCGACCGAAGGAGCGGCAGCCCGACGTCA
 AGGGCCCTCCCCGGTGAAGGTGGCCCGCTGGAGCAGAACGGCAGCCCATGGGAGCCCGGGAGGCC
 CAACGGCGCCGTGGCCAAGGCCGTGGGAGTCTGATGATTCCGGTCTTCTGTGTGGTGGAGCAGTTGGAT
 GGCTCTCTTGTAGTACGACAACAGAGAAGAGCATGCTGAGTTCGTCTTGGTGCGAAAAGATGTGCTTTTAA
 GCCAGCTGGTGGAGACGGCGCTCCTGGCCCTGGGCTATCCACAGCTCTGCAGCTCAGGCCAAGGAAT
 AATCAAGCTGGGAGGTGGAACCCTCTCCCTCTCAGTTATGTGACAGACGCCCTGATGCCACCGTGGCC
 GACATGCTGCAAGATGTCTATCACGTTGTGACGCTGAAGATCCAATTACAAAGTTGTTCAAAGTTGGAAG
 ACTTGCCCTGCAGACAAATGGAACCACGCCACCGTCCGCAATGCCTTAAAGGAGCTGCTCAAAGAAATGAA
 CCAGAGCACATTAGCCAAAGAATGCCCTCTCTCCAGAGTATGATTTCCATTGTAATAGCACATAC
 TATGCCAATGTGTGAGCAACCAAGTCCAGGAGTTGGGAGATGGTACAAAAAGTATAAGAAGATAAAAG
 TGGAAAGAGTGGAGCGAGAGAACCCTTCAGACTATTGTGTTCTGGGCCAGCGCCCAATGCATTTACCAAA
 TATGAACCAGCTGGCATCCCTGGGAAAAACCAACGAACAGTCTCCTCATAGCCAAATCCACCACAGTACT
 CCAATCCGGAACCAAGTCCCGCACTGCAGCCCATCATGAGCCCTGGTCTTCTCTCACCGCAGCTCAGCC
 CACAGCTGGTCAGGCAGCAAATAGCTATGGCTCATCTGATAAACCAGCAGATCGCCGTTAGCCGACTTCT
 GGCTCACAGCATCCTCAAGCCATCAACCAGCAGTTCCTGAACCATCCACCCATCCAGAGCAGTTAAG
 CCAGAGCCAACAACTCCTCTGTGGAAGTCTCCTGATATCTACCAGCAAGTTAGAGATGAGCTGAAGA
 GGGCTAGCGTGTCTCAAGCTGTCTTCGCAAGAGTGGCATTCAACCGCACACAGGGATTATTGTCAGAGAT
 ACTGCGTAAGGAAGAAGACCCAGGACTGCATCTCAGTCTCTTCTAGTAAACCTGAGGGCCATGCAGAAC
 TTCTCAACCTGCCTGAAGTGGAGCGTACCCTTTACCAGGATGAGCGAGAGCGGAGCATGAACCCCA
 ATGTGAGCATGGTGTCTCTGCCTCTAGCAGTCCAGCTCCTCCCGAACCCACAGGCCAAAACTCGAC
 ACCGACAACAGACCTCCCTATTAAGGTGGACGGAGCCAACGTCAACATCACAGCTGCCATTTATGACGAG
 ATCCAACAGGAGATGAAAAGAGCCAAGGTGTCTCAAGCCCTGTTTGCCAAAGTGGCTGCAAAACAAAAGTC
 AGGGCTGGCTCTGTGAAGTCTCGTTGGAAGGAGAACCCAGTCCAGAAAACCCACCCCTTTGGGAGAA
 TCTCTGCACCATTCGCCGTTTCTGAATCTTCCCAGCATGAGAGGGATGTGATCTATGAGGAAGAATCT
 CGACATCACACAGTGAAGCATGCAACACGTGGTCCAGTCCCACCTGAGCCCGTGCAGGTCTTTCATC
 GACAGCAGTCCCAGCCAACTAAGGAGAGTCCCTCCCAGAGAAGAAGCACCCCAACACCTCCTCCAAC
 AGAAGACAGTTGTGCCAAAAACCTCGGTCTCGCACAAAGATCTCCTTGGAAAGCACTGGGCATCCTTCAA
 AGCTTCATCCATGATGTAGGCCTCTATCCTGACCAAGAAGCCATCCACACTCTCAGCCAGTTGGATC
 TCCCTAAACACACCATCATCAAGTTCTTCCAGAACCAGAGGTACCATGTGAAGCATCATGGGAAGCTGAA
 GGAGCATCTGGGCTCCGCGGTGGACGTGGCGGAGTATAAGGACGAGGAGCTGCTGACAGAGTCTGAGGAG
 AACGACAGCGAGGAAGGCTCGGACGAGATGTACAAGGTGGAGGCCGAGGAGGAGCGCAGAGAAGAACA
 AGGTGGCCCTGCTGAACTGACCAGAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109306
Insert Size: 2202 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001109306.1, NP_001102776.1</u>
RefSeq Size:	3005 bp
RefSeq ORF:	2202 bp
Locus ID:	501145
Cytogenetics:	9q31