

Product datasheet for **RN209478**

Satb1 (NM_001012129) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Satb1 (NM_001012129) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Satb1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209478 representing NM_001012129
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCATTTGAACGAGACAACACTCAGGGGAAAGAGCATTCCGAAATGTCTAACAATGTGAGTGATCCGA
 AGGGTCCGCCGCAAGATTGCCCGCTGGAGCAGAACGGGAGCCCACTAGGAAGAGGAAGGCTTGGGAG
 CACAGGTGAAAGATGCAGGGAGTGCCTTTAAACACTCGGGCCACCTCATGAAAACCAACCTTAGGAAA
 GGAACCATGTTACCCGTTTTCTGTGTGGTGAACATTATGAAAACGCCATCGAGTATGATTGCAAGGAGG
 AGCATGCGGAATTTGTGTGGTGAAGGATATGCTTTTCAACCAGCTCATAGAGATGGCGTTGCTGTC
 TCTGGGCTATTACACAGCTCTGCTGCCAAGCCAAAGGGCTCATCCAGGTTGGGAAGTGGAAATCCAGTT
 CCACTGTCGTATGTGACAGATGCCCTGATGCCACAGTGGCAGACATGCTTCAGGATGTGTACCATGTGG
 TCACTCTGAAAAATCCAGCTGCACAGTTGCCCAAACACTAGAAGACTTGCTCCTGAACAATGGTCCCACAC
 CACAGTAAGGAATGCTCTGAAGGACTTACTGAAAGACATGAACCAGAGTTCGTTGGCCAAGGAGTGCCCC
 CTCTCACAGAGCATGATCTCCTCCATCGTGAACAGCACGTAATGCAAAATGTCTCAGCAGCAAAAATGTC
 AAGAGTTTGAAGGTGGTACAAACATTTCAAGAAGACAAAGGATATGATGGTTGAGATGGATAGTCTGTC
 TGAGCTATCCCAGCAAGGCGCAACCATGTCAATTTTGGCCAGCAGCCTGTCCCAGGAAACACAGCTGAG
 CAGCCTCCGTCCTGCACAGCTCTCCCACGGCAGCCAGCCCTCTGTCCGGACCCCTCTTCCGAACCTGC
 ACCCTGGGCTTGTGTCAACACCTATCAGTCCTCAGCTGGTCAACCAGCAGCTGGTGTGAGGAGGTTGCT
 GAACCAGCAGTATGCAGTGAACAGACTCTTGGCCAGCAGTCTTAAACCAACAGTACTTGAACCACCT
 CCCCTGTCAAGTGTATGAACAAGCCTTTGGAGCAGCAAGTTCCACCAACACCGAGGTTCTTCCG
 AAATCTACCAGTGGTGCAGGATGAACGAAACGAGCCGGAATCTCACAGGCAAGTGTTCACGAGTGGC
 TTTTAAACAGAACCTCAGGATTGCTTTCTGAAATCTCCGCAAGGAAGAGGACCCCAAGACTGCATCCAG
 TCTCTGTGTGTAACCTTCGGGCTATGCAGAAATTTCTTACAGTTGCCAGAAAGCTGAAAGAGACCGGATAT
 ACCAGGATGAGAGGGAAAGGAGCTTGAACGCAGCCTCCGCCATGGGGCCTGCCCGCTGCTGAGCAGCC
 ACCCAGCCGCCCTCCTCAGGTGAAAACAGCTACCCTCGCCACTGAGAGGAATGGGAAGCCAGAGAACAAT
 ACTATGAACATTAACGCCTCCATTTATGACGAGATTGAGCAGGAAATGAAGCGTGCTAAAGTGTCCCAAG
 CACTGTTTGCAAAGGTTGCTGCCACAAAAGCCAGGGATGGCTGTGCGAGCTGCTGCGTGGAAAGAAGA
 CCCTTCTCCAGAAAACAGAACCTGTGGGAGAACCTGTCAATGATCCGAAGATTCCTCAGTCTGCCTCAG
 CCTGAGCGGATGCCATCTATGAGCAGGAGAGCAATGCCGTGCATCACCATGGCGACAGGCTCCCACAC
 TCATCCATGTTCCAGCGAACAGCTTACGACAGCAGCAGCAGCAGCAACAGCAGCAGCAACAGCA
 GCCACCGCCACCCTCCACAGCCACAGCCACAGCCACAGCCCGGAGGCCCCAGGCTCCCACCCCGGAGCC
 ACCGTGGCCTCCTCTGCAGAGTCCGATGAGGAAAACCGGCAGAAAGACCAGGCCACGAACCAAAATTTCCG
 TGAAGCCCTGGGCATCCTTCAAGTTCATCCAAGATGTCCGCTGTACCCGGATGAAGAGGCCATCCA
 GACCCTGTCCGCGCAGCTGGACCTCCCGAAGTACACCATCATCAAGTCTTTTCAAGAACAGCGGTACTAC
 CTTAAGCACCACGGCAAGCTGAAGGACAACCTCCGGCTTGGAGGTGGATGTGGCTGAGTACAAAGATGAGG
 AGTTGCTTAAGGATTTGGAGGAGAGCGTCCAGGATAAAAACGCCAACACCTTTTTTTCGGTGAACCTAGA
 GGAAGAGCTATCCGTGGAAGGGAGCACAGACATTAATGCCGACCTGAAAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012129

Insert Size: 2295 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_001012129.2, NP_001012129.1</u>
RefSeq Size:	3001 bp
RefSeq ORF:	2295 bp
Locus ID:	316164
Cytogenetics:	9q11