

Product datasheet for **RR204929**

Sbsn (NM_001044231) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sbsn (NM_001044231) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Sbsn
Synonyms: RGD1562305
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR204929 representing NM_001044231
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCATCTTGCAATCTGCTCAGCTCCTGCTGCCTTTAGCACTCCTGGGGCTCTGCCTGCACGGGCAG
CCCATGAGGATCCCATTGAGAAGGCCATAGAAGGGTTCAGCCGTGGGCTGAGCAACGCAGAGAAAGAGGT
GGCAAGGCCCTTGAAGGCATCAATAATGGAATCACTCAAGCCGAAGGGAAGTGGAAAGAATTTTGTGAT
GGACTTAGCAACATGGGCAGCCAGGCCGCAAGACCGTGGAGCATGGCTTGGATAAGGTAGCCACGGCA
TCAACAGTGGCGTCGAACACGCAGGAAAGGAAGCAGACAGGTTGGCCCATGGGGTCAACCACGCCGCTGG
ACAGGGGCCTCATCAAGGTCAAAGCGGTTACGGAGGCCAGCACGGAGGGCCGCAATCACTACAGCAGTA
TCTGGGGCCTCGGTCAACAAGCCATTTATCAACTTCCCAGCTCTGTGGAGGAGTATCGCCGCCATCATGC
CC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204929 representing NM_001044231
Red=Cloning site Green=Tags(s)

MHLVNLSSCCLLALLGALPARAAHEDPIEKAIEGFSRGLSNAEKEVGKALEGINNGITQAGREVERIFD
GLSNMGSQAGKTVEHGLDKVAHGINSVGEHAGKEADRLAHGVNHAAGQGP HQGQSGYGGQHGGAAITTA
VGASVKNKPFINFPALWRSIAAIMP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

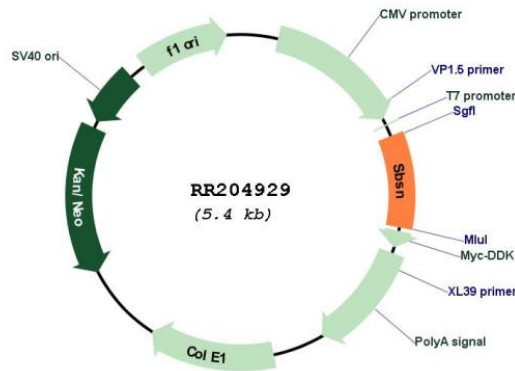


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Cloning Scheme:



Plasmid Map:



ACCN: NM_001044231

ORF Size: 492 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001044231.2</u> , <u>NP_001037696.1</u>
RefSeq Size:	690 bp
RefSeq ORF:	495 bp
Locus ID:	292793
Cytogenetics:	1q21
MW:	16.9 kDa