

Product datasheet for **RR213782**

Spsb3 (NM_001106988) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spsb3 (NM_001106988) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Spsb3
Synonyms: Tce1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR213782 representing NM_001106988
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTGGGGCACCTCCAAAGTCATGGGTGTCTGGGTTGTGTTTCATACCATCACCTGGGCTTGATTG
AGGAGCTCAGATACTGGAGCCAGGTCCTCTTCACTATGGCCCGGCGTGCACGGAGTAGCAGGGCATGGCA
CTTTGTCTGAGTGCAGCAGCCGAGATACAGATGCTCGAGCTGTGGCTCTGGCAGGCAACTCTAACTGG
GGCTACGACTCTGATGGGCAGCAGCGACTCCGACTCTGACCCTGAGTACTCTTCCCTGCCACCATCCA
TCCCCAGTGTGTGCCTGTGACAGGAGAGTCCTTCTGTGACTGTGAGGGCCAGAATGAGGCTACCTTCTG
CAACAGTTTACACACAGCACACCGTGGCAAGGACTGCCGTTGTGGTGAGGAGGATGAGGATTTTGATTGG
GTATGGGATGACCTGAACAAGTCCTCAGCCACCTTGTGAGCTGTGATAATCGAAAGTTAGCTTTCACA
TGGAGTACAGCTGTGGCACAGCAGCCATTCGGGGCACCAAGGAGCTAGGGGATGGCCAACACTTCTGGGA
AATCAAGATGACCTCTCCGGTGTATGGCACTGATATGATGGTGGGCATCGGGACATCAGACGTAGACCTG
GACAAGTACCACCACACGTTCTGCAGCTGCTGGCAGGGATGAAGACAGCTGGGGGCTCTCCTACACGG
GGCTCCTCCACCACAAAGGGCACAAGACGAGCTTCTTTCACGCTTCGGCCAGGGCTCTATCATTGGCGT
ACACTTGGACACCTGGCATGGGACACTGACTTTTTTCAAGAATAGGAAGTGCATAGGAGTGGCTGCCACT
CGGCTTCAAGAACAGAAGTTCTACCCGATGGTCTGCTCGACCCGCCCAAGAGCAGCATGAAGGTCATTC
GCTCCTGTGCCAGCTCCACATCCCTGCAGTACCTGTGCTGCTACCGCCTGCGCCAGTTGCGGCCAGACTC
AGGGGACACCCTCGAGGGCCTGCCCTTGCCACCCGGCCTCAAGCAGGTGCTGCATAACAAGCTGGGCTGG
GTCCTGAGCATGAACTGCAGCCACTGGACATCCCTGCACCCCTCCGGGCACAGCTGCCCCAGCCGCTG
AGAGAGATTCCCGGGAGACCAGGCCCTGTCAGAGGAAGCGCTGCCGAAGAAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR213782 representing NM_001106988
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MGWGTSKVMGVVVFHTITLGLIEELRYWSQVLFMARRARSSRAWHFVLSAARRDTPARAVALAGNSNW
 GYDSDGQHSDSDSDPEYSSLPPSIPSAVPVTGESFCDCEGQNEATFCNSLHTAHRGKDCRCGEDEDFDW
 VWDDLNKSSATLLSCDNRKVSFHMEYSCGTAAIRGKELGDGQHFWEIKMTSPVYGTMMVIGTSDVDL
 DKYHHTFCSSLGRDEDSWGLSYTGLLHHKGDKTSFSSRFQGSIIIGVHLDTWHGTLTFFKNRKCIGVAAT
 RLQNRRFYPMVCSTAASKSMKVIKSCASSTSLQYLCCYRLRQLRPDSGDTLEGLPLPGLKQVLHNKLGW
 VLSMNCSHWTSPAPPPGTAAPAAERDSRETRPCQRKRCRRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

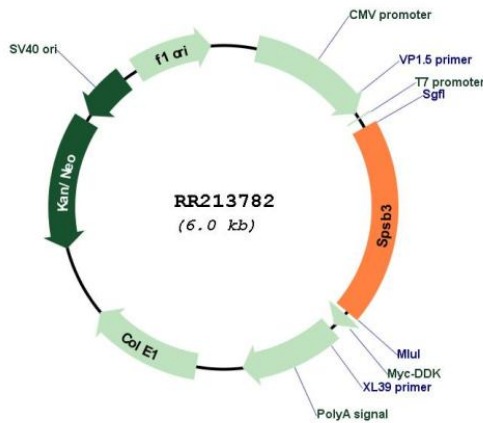
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106988

ORF Size:	1173 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:	NM_001106988.1 , NP_001100458.1
RefSeq Size:	1953 bp
RefSeq ORF:	1176 bp
Locus ID:	302981
Cytogenetics:	10q12
MW:	43.6 kDa