

## Product datasheet for MC211912

### Spsb3 (NM\_001163751) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Spsb3 (NM\_001163751) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Spsb3  
**Synonyms:** 2310012N15Rik; 3300001M01Rik; mKIAA4204; SSB3; Tce1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211912 representing NM\_001163751  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCAGGGCGGGGCGGGGATTGTTTCGCTCGCGCCGGAACGGAAAGTGGGTACAGCCGGGGAGCTT  
TTTGGCCGAGGTTCTCTCCACTATGGCCCGCGTACACGGAGTAGCAGGGCATGGCATTTCGTCCTGAG  
CGCAGCCCGCGAGATACAGATGCCCGGCTGTGGCTCTGGCAGGCAGCTCTAACTGGGGCTATGACTCT  
GATGGGCAGCACAGCAGCTCCGACTCTGACCCTGAGTACTCCTCCCTGCCACCATCCATCCCAGTGCTG  
TGCTGTGACAGGAGAGTCTTCTGTGACTGCGAGGGCCAGAATGAGGCTACCTTCTGCAACAGTCTGCA  
CACAGCACACCGTGGCAAGGACTGCCGGTGTGGTGAAGGATGAGGATTTGATTGGGTCTGGGATGAC  
CTGAACAAGTCTCAGCCACCTTGCTGAGCTGTGATAATCGCAAGGTCAGCTTTCACATGGAGTATAGCT  
GTGGCACTGCAGCCATTCGGGGCACCAAGGAGCTAGGGGATGGCCAACACTTCTGGGAAATCAAGATGAC  
CTCTCCAGTGTATGGCACAGACATGATGGTGGCATTGGGACGTCGGATGTAGACCTGGACAAGTACCAC  
CACACGTTCTGCAGCCTGCTGGCAGGGATGAGGACAGCTGGGGCTCTCCTACACTGGGCTCCTCCACC  
ACAAAGGTGACAAGACGAGCTTCTTTCACGCTTTGGCCAGGGCTCCATTATTGGTGTGCACTTGGACAC  
CTGGCATGGGACACTGACATTCTCAAGAACAGGAAGTGATAGGAGTGGCTGCTACTCGGCTTCAAAC  
AGAAGTTCTACCGATGGTTTGCTCCACGGCTGCCAAGAGCAGCATGAAAGTATCCGCTCCTGCGCCA  
GCTCCACATCCCTGCAGTACCTGTGCTGCTACCGCTTGGCCTTGGCCTTGGGACACCCCT  
CGAGGGCTGCCCTTGGCACCTGGCCTCAAGCAAGTGTGCATAACAAGCTGGGCTGGGTTCTGAGCATG  
AACTGCAACCACTGAAAATCCCCTGTGCCCTCCTGGCACAGCTACACCTGGTCCGAGAGTCTGGAGA  
CCAGGCCCTGTGAGGAAGCGCTGCCAAGAAGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



<b>ACCN:</b>	NM_001163751
<b>Insert Size:</b>	1158 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001163751.1</a></u> , <u><a href="#">NP_001157223.1</a></u>
<b>RefSeq Size:</b>	1608 bp
<b>RefSeq ORF:</b>	1158 bp
<b>Locus ID:</b>	79043
<b>UniProt ID:</b>	<u><a href="#">Q571F5</a></u>
<b>Cytogenetics:</b>	17 A3.3
<b>Gene Summary:</b>	May be a substrate recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice junction at the 3' end of an exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.