

## Product datasheet for **MC217032**

### **Spsb3 (NM\_001163750) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Spsb3 (NM_001163750) 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



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**Fully Sequenced ORF:** >MC217032 representing NM\_001163750  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATG**CAGGGCGGGGCGGGGATTGTTT**GC**GT**CGCGCCGGAACGGAAAGTGGGT**CAGCGCCGGGGAGCTT**  
 TTTGGCCG**CAGGTGAGCCGCGCCGCCAGCCGGT**CAGGCCCGCGGCCGGCGGGTTGACCTTGCAGGC  
 GGTCAAGCCGGCCACCCGTTGTTCCCTGC**GGTGGCGCTCGGGAGTCTGGCGGGGGCCTCGGAGTCAGG**  
 CGTCAGGGACGGCATCGCTGTGGCGAGATCCGCGAGCCTTTGGCGAGGGAAGCAACCTTCAGCCCGCGG  
 AGGCCGAGCGTGGCTACGTCCAGGGACATCTCTGGTTCATT**CATTGGGTTCTACTGTGTCTTATAC**  
 GGCGCTCAGCCAACCAACTGCTGTGGAGTGTGTGC**CGGCCCGCCCGCTTCTTTGTGGATGGCCGG**  
 GGGGAGGTTCTCCACTATGGCCCGCGTACACGGAGT**AGCAGGGCATGGCATTTCGTCCTGAGCGCAG**  
 CCCGCCGAGATACAGATGCCCGGGCTGTGGCT**CTGGCAGGCAGCTCTAACTGGGGCTATGACTCTGATGG**  
 GCAGCACAGCGACTCCGACTCTGACCCTGAGTACTCCTCCCTGCCACCATCCATCCCAGTCTGTGCCT  
 GTGACAGGAGAGTCTTCTGTGACTGCGAGGGCCAGAATGAGGCTACCTTCTGCAACAGTCTGCACACAG  
 CACACCGTGGCAAGGACTGCCGGTGTGGT**GAGGAGGATGAGGATTTTGATTGGGTCTGGGATGACCTGAA**  
 CAAGTCTCAGCCACCTTGTGAGCTGTGATAATCGCAAGGT**CAGCTTTCACATGGAGTATAGCTGTGGC**  
 ACTGCAGCCATTCGGGGCACCAAGGAGCTAGGGGATGGCCAACACTTCTGGGAAATCAAGATGACCTCTC  
 CAGTGTATGGCACAGACATGATGGTGGGCATTGGGACGT**CGGATGTAGACCTGGACAAGTACCACCACAC**  
 GTTCTGCAGCCTGCTGGGCAGGGATGAGGACAGCTGGGGCTCTCCTACACTGGGCTCTCCACCACAAA  
 GGTGACAAGACGAGCTTCTTTCACGCTTTGGCCAGGGCTCCATTATTGGTGTGCACTTGGACACCTGGC  
 ATGGGACACTGACATTCTCAAGAACAGGAAGTGCATAGGAGTGGCTGCTACTCGGCTTCAAACAGAAAG  
 GTTCTACCCGATGGTTTGCTCCACGGCTGCCAAGAGCAGCATGAAAGTCATCCGCTCCTGCGCCAGCTCC  
 ACATCCCTGCAGTACCTGTGCTGTACCCTTGGC**CAACTGCGGCCAAATTCAGGGGACACCCTCGAGG**  
 GCCTGCCCTTGGCACCTGGCCTCAAGCAAGTGTGCATAACAAGCTGGGCTGGGTTCTGAGCATGAACTG  
 CAACCACTGGAAATCCCCTGTGCCCCCTCCTGGCAGAGCTACACCTGGTCCGAGAGTCTGGAGACCAGG  
 CCCTGTCAGAGGAAGCGCTGCCGAAGAAG**TGA**

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001163750

**Insert Size:** 1503 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:**

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\\_001163750.1](#), [NP\\_001157222.1](#)

**RefSeq Size:** 1953 bp

**RefSeq ORF:** 1503 bp

**Locus ID:** 79043

**UniProt ID:** [Q571F5](#)

**Cytogenetics:** 17 A3.3

**Gene Summary:** 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 (1) represents the longest transcript and encodes the longest isoform (1).