

Product datasheet for **SC108281**

SPSB3 (NM_080861) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | SPSB3 (NM_080861) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SPSB3 |
| Synonyms: | C16orf31; SSB3 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_080861, the custom clone sequence may differ by one or more nucleotides |

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ATGGCCAGACGCCCCCGAACAGCAGGGCCTGGCACTTCGTCCTGAGTGCAGCCCGGAGACGCAGATG
CCCGGGCCGTGGCTCTAGCAGGCTCCACTAACTGGGGCTACGACTCTGATGGGCAGCACAGCGACTCGGA
CTCCGACCCCGAGTACTCCACGCTGCCGCCATCCATCCCAGTGCGGTGCCCGTGACCGGCGAGTCTTC
TGTGACTGTGCTGGCCAGAGCGAGGCCCTCTTCTGTAGCAGCCTGCACTCGGCCACCGGGGAGGGACT
GCCGCTGCGGAGAGGAAGACGAGTATTTGACTGGGTCTGGGATGACTTAAATAAGTCATCAGCCACCCT
GCTGAGCTGTGACAACCGTAAGGTCAGCTTCCACATGGAGTACAGCTGCGGCACAGCGGCCATCCGGGG
ACCAAGGAGCTGGGGGAGGGCCAGCACTTCTGGGAGATCAAGATGACCTCTCCCGTCTACGGCACCGACA
TGATGGTGGGCATCGGGACGTCGGATGTGGACCTGGACAAATACCGCCACACGTTCTGCAGCCTGCTGGG
CAGGGATGAGGACAGCTGGGGCCTCTCCTACACGGGCCTCCTCCACCACAAGGGGACAAGACCAGCTTC
TCATCGCGTTTCGGCCAGGGCTCCATCATTGGCGTGCACCTGGACACCTGGCACGGCACACTCACTTTT
TCAAGAACAGGAAGTGTATAGGTGTGGCAGCCACCAAGCTGCAGAACAAGAGATTCTACCCGATGGTGTG
CTCCACGGCGGCCCGGAGCAGCATGAAGGTCACCCGCTCCTGTGCCAGCGCCACTTCCCTCCAGTACCTG
TGCTGCCACCGCCTGCCAGCTGCCGCCAGACTCGGGAGACACGCTGGAGGGTCTGCCGCTGCCGCCGG
GCCTCAAGCAGGTGCTACACAACAAGCTGGGCTGGTCTGAGCATGAGTTGCAGCCGCCGAAGGCTCC
AGTGTCCGATCCCAGGCAGCGACCTCCGCCACCCAGCAGTCGCGAGCCTCGGCCCTGCCAGAGGAAG
CGCTGCCCGCCGACCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_080861 unedited
 GGATAGCAGTTTAGGATTTTGTAAATCCGCACTTCATATNAGGGCGGCACGCGCAATTCC
 GCACGAGGGCCGGGCCGGGAGCGCGCAGCGGGGCTGCAGATTCTTTCCACCATGGCC
 AGACGCCCCCGGAACAGCAGGGCCTGGCACTTCGTCTGAGTGCAGCCCGCAGACGCA
 GATGCCCGGGCCGTGGCTCTAGCAGGCTCCACTAACTGGGGCTACGACTCTGATGGGCAG
 CACAGCGACTCGGACTCCGACCCGAGTACTCCACGCTGCCGCCATCCATCCCCAGTGCG
 GTGCCCCGTGACCGGCGAGTCTTCTGTGACTGTGCTGGGCAGAGCGAGGCCTCTTCTGT
 AGCAGCCTGCACTCGGCCACCGGGCAGGGACTGCCGCTGCGGAGAGGAAGACGAGTGT
 GAGCGTGGGGCCAGCCCTGCTGGGACTGCACTGCGGGCGGGCCTGGGGTGGGCAGGG
 CAGAGCCCATGGAGCTCTCAGGGCTGCCCCAGCCTGGGCCTCTTTGCAGATTTGACT
 GGGTCTGGGATGACTTAAATAAGTCATCAGCCACCCTGCTGAGCTGTGACAACCGTAAGG
 TCAGCTTCCACATGGAGTACAGCTGCGGCACAGCGCCATCCGGGGCACCAGGAGCTGG
 GGGAGGGCCAGCACTTCTGGGAGATCAAGATGACCTCTCCGCTACGGCACCGACATGG
 TAAGTTGCTTCGGCCAGGGTCTTCTGGNGAACCTGGTCCGGCAGCCAGCCCGCGC
 CCTCTGCCTGGCCCTGTTCTAGATGGTGGGCATCGGGACGTGGATGTGGACCTGGAC
 AAATACCGCCACACGTTCTGCANCTGCTGGGCAGGNATGANGACAGCTGGNGN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_080861 unedited
 AAAAAAAAAANAGNNNNNNNNNNATTTTTNANAATTTTTNNTTTTTTGGACTTTAGAATCG
 CGGCCCGTATCTAGTGTGAGTTTTTTTTTTTTTTTTTTTGTAGAAATCAACTCTACAT
 TTATTGCAGTCTTTAAGTCTATGACGGCGGGCAGCCGCTGACAGCATGCAGAGCAAGT
 TAGGAAAAACCGAGGCCCTGTGGGAACAGCAACGCGGGTCCAGCCAGGCTCTCGTCTC
 GCAGCCTCCACAAGACCTGGGGCTCAGGGCAGCCGCTTCCCCACCCAGCACAGCAGCAG
 AGGGGCCCTAGAGCCCCACAGAAAGGACTGTCCAGCCTCGGGAGCAAGAGATGGCTCC
 CTCCGGACGGGCCTCATCCAACCTCCGCCCTGGAGTGTGGCTGGAAGGAAGGGACAGAGAA
 AGAAGGGACAGAGGAAAGGGGCTGTCCCAGCCAAGAAGGCAGTCCACTGGGAAGTCAG
 TCAGGTCCGGCGCAGCGCTTCTCTGGCAGGGCCGAGGCTCGCGACTGCTGGGGCGGGC
 GGAGGCCCTGCCTGGGATCGGACACTGGAGCCTTGGCGGGCTGCAACTCATGCTCAG
 GACCCAGCCAGCTTGTGTGTACACCTGCTTGGGCCCGCCGCCCTGTCCACCCTC
 CAGCGTGGCTCCCGAGTCTGGCCGAAGCCGGCGTCAGCGCCGGGCTCCCCACGTTCCCGG
 GGGGAACCTGGCCCTGCCCTAGAACGCGCTGACCTTCGTGCCCTCCCGCCCCACTCGC
 TCCCCACACCCCCCTGACTGTGTTTATTCGACCCCGATGCCCGTACTCCCCACC
 CCTTTTTGTGTCCTCACAGGGGGCCTGTTCCCCCCTATGTTGTCGCTTGGCCCCCT
 CACCCCTTTCGAANTCTCTCGCTTCTCGTTCCCCCACCTTC

Restriction Sites:

NotI-NotI

ACCN:

NM_080861

Insert Size:

1820 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).

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| 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_080861.3 , NP_543137.2 |
| RefSeq Size: | 1553 bp |
| RefSeq ORF: | 1068 bp |
| Locus ID: | 90864 |
| UniProt ID: | Q6PJ21 |
| Cytogenetics: | 16p13.3 |
| Domains: | SPRY |
| Protein Families: | Druggable Genome |
| 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] |