

Product datasheet for **SC319450**

SPSB2 (NM_032641) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SPSB2 (NM_032641) Human Untagged Clone
Tag: Tag Free
Symbol: SPSB2
Synonyms: GRCC9; SSB2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032641.1
 CTTCAGAGGCCCGCGACCTCCAGGGCTGGGAAGTCAACCCAGCTCCCTCCAGGTCAAT
 CCAAACCTGGAGCTCAACTTTTCAGAAGAGAAAAGACGCCCCAGCAAGCCTCTTTCGGGGAGT
 CCTCTAGCTCCTCACCTCCATGGGCCAGACAGCTCTGGCAGGGGGCAGCAGCAGACCCC
 CACGCCACAGGCCTGTACCCTGACCTCTCCTGTCCCGAGGGCTTGAAGAGCTGTGTG
 TGCACCCCTCCTGACCTGGGGCCAGCGGCCACGGTTGGAACCCCAAAGACTGTTC
 AGAGAACATCGAGGTCAAGGAAGGAGGGTTGTACTTTGAGCGCGGCCCGTGGCCAGAG
 CACTGATGGGGCCCGGGTAAGAGGGGCTATTCAAGGGGCTGCACGCCTGGGAGATCAG
 CTGGCCCTAGAGCAGAGGGGCACGCATGCCGTGGTGGGCGTGGCCACGGCCCTCGCCCC
 GCTGCAGACTGACCACTACGCGCGCTGCTGGGCAGCAACAGCGAGTCGTGGGGTGGGA
 CATCGGGCGGGGAAGCTGTACCATCAGAGCAAGGGGCCCGAGCCCCCAGTATCCAGC
 GGGAACTCAGGGTGAGCAGCTGGAGGTGCCAGAGAGACTGCTGGTGGTTCTGGACATGGA
 GGAGGGAACCTCTGGGCTACGCTATTGGGGCACCTACCTGGGGCCAGCATTCCGCGGACT
 GAAGGGCAGGACCTCTATCCGGCAGTAAGCGCTGTCTGGGGCCAGTGCCAGGTCCGCAT
 CCGCTACCTGGGCGAAAGGAGAGCGGAGCCACACTCCCTTCTGCACCTGAGCCGCTGTG
 TGTGCGCCACAACCTGGGGGATACCCGGCTCGGCCAGGTGTCTGCCCTGCCCTTGCCCC
 TGCCATGAAGCGCTACCTGCTCTACCAGTGAGCCCTGTGATACCACAGACTGTGTGAGG
 TCTTGCCACCACCCTCCCCTTGGGGAGGTGGGGAGGCACTGCTGGCCTAGACCAGCTGC
 TGAAGCTGGTGAGGCTGAGCCCTACCCCAACCAAGCTCTGCGGAAATCAACAGCCCC
 AGAGCCACTTGGAGGGAGGAAGAAAGGGAGCCGCGTTCAAGGCTATGACAGTCTGCTAC
 GCAAAACATTTTTTCAAGTAAAAATAGTAAGAGATGTTGTTATAGAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_032641



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_032641.1</u> , <u>NP_116030.1</u>
RefSeq Size:	1227 bp
RefSeq ORF:	792 bp
Locus ID:	84727
UniProt ID:	<u>Q99619</u>
Cytogenetics:	12p13.31
Domains:	SOCS, SPRY
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of a subfamily of proteins containing a central SPRY (repeats in splA and RyR) domain and a C-terminal suppressor of cytokine signaling (SOCS) box. This protein plays a role in cell signaling. This gene is present in a gene-rich cluster on chromosome 12p13 in the vicinity of the CD4 antigen and triosephosphate isomerase genes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016] Transcript Variant: This variant (1) is the reference variant. Variants 1, 2, and 4 encode the same protein.