

Product datasheet for **RG206125**

SPSB3 (NM_080861) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPSB3 (NM_080861) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SPSB3
Synonyms:	C16orf31; SSB3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206125 representing NM_080861 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCCAGACGCCCGGAACAGCAGGGCCTGGCACTTCGTCCTGAGTGCAGCCCGCCGAGACGCAGATG
CCCGGGCCGTGGCTCTAGCAGGCTCCACTAACTGGGGCTACGACTCTGATGGGCAGCACAGCGACTCGGA
CTCCGACCCCGAGTACTCCACGCTGCCGCCATCCATCCCACTGCGGTGCCCGTGACCGGCGAGTCCTTC
TGTGACTGTGCTGGGCAGAGCGAGGCCTCCTTCTGTAGCAGCCTGCACTCGGCCACCGGGCAGGGACT
GCCGCTCGGAGAGGAAGACGAGTATTCGACTGGGTCTGGGATGACTTAAATAAGTCATCAGCCACCCT
GCTGAGCTGTGACAACCGTAAGGTGAGCTTCCACATGGAGTACAGCTGCGGCACAGCGGCCATCCGGGGC
ACCAAGGAGCTGGGGGAGGGCCAGCACTTCTGGGAGATCAAGATGACCTCTCCCGTCTACGGCACCGACA
TGATGGTGGGCATCGGGACGTGGATGTGGACCTGGACAAATACCGCCACACGTTCTGCAGCCTGTGGG
CAGGGATGAGGACAGCTGGGGCTCTCCTACACGGGCTCCTCCACCACAAGGGCGACAAGACCAGCTTC
TCGTCGCGGTTTCGGCCAGGGCTCCATCATTGGCGTGCACCTGGACACCTGGCACGGCACACTCACCTTTT
TCAAGAACAGGAAGTGTATAGGTGTGGCAGCCACCAAGCTGCAGAACAAGAGATTCTACCCGATGGTGTG
CTCCACGGCGGCCCGGAGCAGCATGAAGGTCAACCGCTCCTGTGCCAGCGCCACTTCCCTCCAGTACCTG
TGCTGCCACCGCCTGCCCAGCTGCGGCCAGACTCGGGAGACAGCTGGAGGGTCTGCCGCTGCCGCCGG
GCCTCAAGCAGGTGCTACACAACAAGCTGGGTCTGAGCATGAGTTGCAGCCGCCCAAGGCTCC
AGTGTCCGATCCCGAGGAGCGACCTCCGCCACCACAGCAGTCGCGAGCCTCGGCCCTGCCAGAGGAAG
CGCTGCCCGCGGACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >RG206125 representing NM_080861
 Red=Cloning site Green=Tags(s)

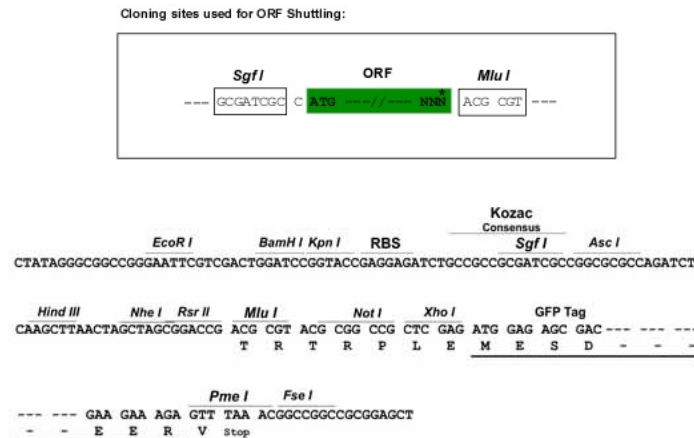
MARRPRNSRAWHFVLSAARRDADARAVALAGSTNWGYSDGQHSDDSDPEYSTLPSPISAVPVTGESF
 CDCAGQSEASFCSLHSAHRGRDCRCGEDEYFDWVWDDLKSSATLLSCDNRKVSFHMESYSCGTAAIRG
 TKELGEGQHFWEIKMTSPVYGTDMMVIGITSDVDLDKYRHTFCSLLGRDEDSWGLSYTGLLHHKGDKTSF
 SSRFGQSGSIIGVHLDTWGHTLTFFKNRKCIGVAATKLQNKRFYPMVCSTAARSSMKVTRSCASATSLQYL
 CCHRLRLQLRPDSGDTLEGLPLPPLKQVLHNKLGWVLSMSCSRRKAPVSDPQAATSAHSSREPRPCQRK
 RCRRT

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_080861

ORF Size: 1065 bp

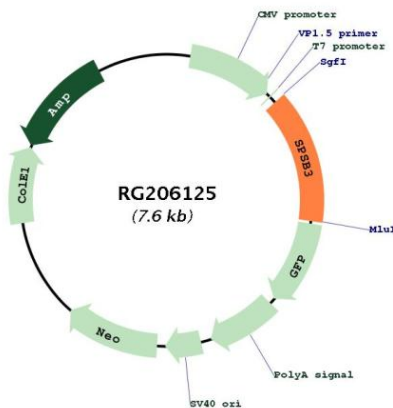
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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:	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_080861.3, NP_543137.2</u>
RefSeq Size:	1553 bp
RefSeq ORF:	1068 bp
Locus ID:	90864
UniProt ID:	<u>Q6PJ21</u>
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]

Product images:



Circular map for RG206125