

Product datasheet for **MG204876**

Spsb3 (BC072556) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spsb3 (BC072556) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Spsb3
Synonyms: SSB3, mKIAA4204
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG204876 representing BC072556
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGGGCTGTGGCTCTGGCAGGCAGCTCTAACTGGGGCTATGACTCTGATGGGCAGCACAGCGACTCCG
ACTCTGACCCCTGAGTACTCCTCCCTGCCACCATCCATCCCCAGTGCTGTGCCTGTGACAGGAGAGTCCTT
CTGTGACTGCGAGGGCCAGAATGAGGCTACCTTCTGCAACAGTCTGCACACAGCACACCGTGGCAAGGAC
TGCCGGTGTGGTGAAGGATGAGGATTTTATTGGTCTGGGATGACCTGAACAAGTCTCAGCCACCT
TGCTGAGCTGTGATAATCGAAGGTCAGCTTTACATGGAGTATAGCTGTGGCACTGCAGCCATTCGGGG
CACCAAGGAGCTAGGGGATGGCCAACTTCTGGGAAATCAAGATGACCTCTCCAGTGTATGGCACAGAC
ATGATGGTGGGCATTGGGACGTCGGATGTAGACCTGGACAAGTACCACCACAGTCTGCAGCCTGCTGG
GCAGGGATGAGGACAGCTGGGGCTCTCTACACTGGGCTCCTCCACCACAAAGGTGACAAGACGAGCTT
CTCTTACGCTTTGGCCAGGGCTCCATTATTGGTGTGCACTTGGACACCTGGCATGGGACACTGACATTC
TTCAAGAACAGGAAGTGCATAGGAGTGGCTGCTACTCGGCTTCAAACAGAAAGTCTACCCGATGGTTT
GCTCCACGGCTGCCAAGAGCAGCATGAAAGTCAATCCGCTCCTGCGCCAGCTCCACATCCCTGCAGTACCT
GTGCTGTACCGCTTGCGCCAACTGCGGCCAAATTCAGGGGACACCCTCGAGGGCCTGCCCTTGCACCT
GGCCTCAAGCAAGTGTGCATAACAAGTGGGCTGGGTTCTGAGCATGAAGTGAACCACTGGAAATCCC
CTGTGCCCTCCTGGCACAGCTACACCTGGTGGCAGAGTCTGGAGACCAGGCCCTGTCAGAGGAAGCG
CTGCCGAAGAAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204876 representing BC072556
Red=Cloning site Green=Tags(s)

MRAVALAGSSNWGYSDGQHSDDSDPEYSSLPPSIPSAVPTGESFCDCGEQNEATFCNSLHTAHRGKD
 CRCGEDEDFDWVWDDLKSSATLLSCDNRKVSFHMEYSCGTAAIRGTELGDGQHFWEIKMTSPVYGTD
 MMVGIGTSDVDLKYHHTFCSSLGRDEDSWGLSYTGLLHHKGDKTSFSSRFQGSIIIGVHLDTWGTLTF
 FKNRKCIGVAATRLQNRRFYPMVCSTAAKSSMKVIRSCASSTSLQYLCCYRLRQLRPNSGDTLEGLPLPP
 GLKQVLHNKLGWVLSMNCNHWKSVPVPPGTATPGAESLETRPCQRKRCRRS

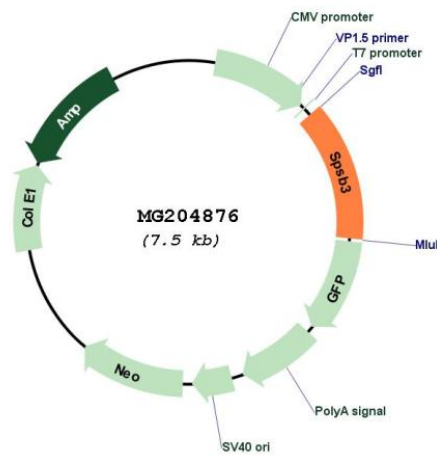
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC072556

ORF Size: 993 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:	<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:	BC072556.1
RefSeq Size:	1933 bp
RefSeq ORF:	995 bp
Locus ID:	79043
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]