

Product datasheet for **TP503651**

Spsb1 (NM_029035) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse splA/ryanodine receptor domain and SOCS box containing 1 (Spsb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR203651 protein sequence
Red=Cloning site **Green**=Tags(s)

MGQKVTGGIKTVDMRDPTYRPLKQELQGLDYCKPTRLDLLLDMPVSYDVQLLHSWNNDRSLNVFKED
DKLIFHRHPVAQSTDAIRGKVGYTRGLHVWQITWAMRQRGTHAVGVATADAPLHSVGYTTLVGNNHESW
GWDLGRNRLYHDGKNQPSKTYPAFLEPDETFFIVPDSFLVALDMDGTLSEFVDGQYMGVAFRGLKGGKLY
PVSAVWGHCEIRMRYLNGLDPEPLPLMDLCRRSVRLALGKERLGAIPALPLPASLKAYLLYQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 30.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_083311](#)

Locus ID: 74646

UniProt ID: [Q9D5L7](#)

RefSeq Size: 3089



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Cytogenetics: 4 E2

RefSeq ORF: 822

Synonyms: 1110014L01Rik; 4930422J18Rik; AI596360; AI854583; SSB-1; SSB1

Summary: 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 (By similarity). Negatively regulates nitric oxide (NO) production and limits cellular toxicity in activated macrophages by mediating the ubiquitination and proteasomal degradation of NOS2 (By similarity). Acts as a bridge which links the NOS2 with the ECS E3 ubiquitin ligase complex components ELOC and CUL5 (By similarity). [UniProtKB/Swiss-Prot Function]