

Recombinant Mouse Spsb1 Protein, Myc/DDK-tagged

Cat. No. Spsb1-6114M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length splA/ryanodine receptor domain and SOCS box containing 1 (Spsb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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. Negatively regulates nitric oxide (NO) production and limits cellular toxicity in activated macrophages by mediating the ubiquitination and proteasomal degradation of NOS2. Acts as a bridge which links the NOS2 with the ECS E3 ubiquitin ligase complex components ELOC and CUL5.
Molecular Mass	30.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Spsb1 splA/ryanodine receptor domain and SOCS box containing 1 [Mus musculus (house mouse)]

Official Symbol Spsb1

Synonyms Spsb1; splA/ryanodine receptor domain and SOCS box containing 1; SS; SSB1; SSB-1; AI596360; AI854583; 1110014L01Rik; 4930422J18Rik; SPRY domain-containing SOCS box protein 1; SPRY domain-containing SOCS box protein SSB-1

Gene ID 74646

mRNA Refseq NM_029035

Protein Refseq NP_083311

UniProt ID Q9D5L7

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