

Recombinant Mouse Spsb2 Protein, MYC/DDK-tagged

Cat. No. Spsb2-1060M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse splA/ryanodine receptor domain and SOCS box containing 2 (Spsb2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the SSB family of proteins that contain a central SPRY (repeats in splA and ryanodine receptors) domain and a C-terminal SOCS (suppressor of cytokine signaling) box. The encoded protein is an adaptor protein in the E3 ubiquitin ligase complex that ubiquitinates inducible nitric oxide synthase and targets it for proteasomal degradation. Mice lacking the encoded protein exhibit lower blood urea nitrogen levels and mild thrombocytopenia due to reduced platelet production. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	28.9 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 Spsb2 splA/ryanodine receptor domain and SOCS box containing 2 [Mus musculus (house mouse)]

Official Symbol Spsb2

Synonyms Spsb2; splA/ryanodine receptor domain and SOCS box containing 2; C9; SSB2; Grcc9; AI461677; SPRY domain-containing SOCS box protein 2; gene-rich cluster protein C9

Gene ID 14794

mRNA Refseq NM_013539

Protein Refseq NP_038567

UniProt ID O88838

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