

## Recombinant Mouse Spsb2 Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	28.9 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Concentration** >50 g/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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