

Recombinant Mouse Spsb4 Protein, Myc/DDK-tagged

Cat. No. Spsb4-6115M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length splA/ryanodine receptor domain and SOCS box containing 4 (Spsb4), 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 NOS2 with the ECS E3 ubiquitin ligase complex components ELOC and CUL5. Diminishes EphB2-dependent cell repulsive responses by mediating the ubiquitination and degradation of the EphB2/CTF2. Regulates cellular clock function by mediating ubiquitination and proteasomal degradation of the circadian transcriptional repressor NR1D1.
Molecular Mass	30.3 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.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	Store at -80 centigrade after receiving vials.
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	Spsb4 splA/ryanodine receptor domain and SOCS box containing 4 [Mus musculus (house mouse)]
Official Symbol	Spsb4
Synonyms	Spsb4; splA/ryanodine receptor domain and SOCS box containing 4; Ss; Ssb4; SSB-4; D030068E18Rik; SPRY domain-containing SOCS box protein 4; SPRY domain-containing SOCS box 4; SPRY domain-containing SOCS box protein SSB-4
Gene ID	211949
mRNA Refseq	NM_145134
Protein Refseq	NP_660116
UniProt ID	Q8R5B6