

Recombinant Human SPSB1, His-tagged

Cat. No. SPSB1-3528H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SPSB1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques (24-233aa).
Species	Human
Source	E.coli
Description	SPRY domain-containing SOCS box protein 1(SPSB1), also known as SSB1, is a member of the SOCS box protein subfamily. This protein contains a central SPRY domain and a C-terminal SOCS box. Although some of the SOCS protein subfamilies function as adaptors for a large family of ubiquitin-protein isopeptide ligases to regulate certain signaling pathways, the function of the SSB subfamily remains to be determined. SPSB1 may play an important role in enhancing the HGF-induced Erk-Elk-1-SRE pathway. Over expression of SPSB1 exhibited no effect on the basal level or epidermal growth factor-induced SRE-luciferase activity.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl
Molecular Weight	26.1 kDa (231aa) confirmed by MALDI-TOF
Purity	> 90% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)

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Sequences of amino acids

MGSSHHHHHH SSGLVPRGSH MQELQGLDYC KPTRLDLLLD MPPVSYDVQL
 LHSWNNNDRS LNVFVKEDDK LIFHRHPVAQ STDAIRGKVGYTRGLHVWQI
 TWAMRQRGTH AVVGVATADA PLHSVGYTTL VGNNHESWGW DLGRNRLYHD
 GKNQPSKTYP AFLEPDETFI VPDSFLVALDMDGTLSEIV DGQYMGVAFR
 GLKGKKLYPV VSAVWGHCEI RMRYLNLGLDP E

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name [SPSB1 splA/ryanodine receptor domain and SOCS box containing 1 \[Homo sapiens \]](#)

Synonyms SPSB1; SSB1; SSB-1; SPRY domain-containing SOCS box protein 1; novel SPRY domain containing protein; SPRY domain-containing SOCS box protein SSB-1

Gene ID [80176](#)

mRNA Refseq [NM_025106](#)

Protein Refseq [NP_079382](#)

MIM [611657](#)

UniProt ID [Q96BD6](#)

Chromosome Location 1p36.22

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