

## 32-4951: Recombinant Human SPRY Domain-Containing SOCS Cox Protein 1

**Alternative Name :** SPRY domain-containing SOCS box protein 1,SSB-1,SPSB1,SSB1.

### Description

Source : Escherichia Coli. SPSB1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 231 amino acids (24-223 a.a.) and having a molecular mass of 26.1kDa.SPSB1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. SPRY domain-containing SOCS box protein 1 (SPSB1) belongs to the SOCS box protein subfamily. SPSB1 includes a central SPRY domain and a C-terminal SOCS box. Even though, 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 have an imperative role in enhancing the HGF-induced Erk-Elk-1-SRE pathway. SPSB1 overexpression exhibited no effect on the basal level or epidermal growth factor-induced SRE-luciferase activity.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	SPSB1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 0.1M NaCl.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MQELQGLDYC KPTRLDLLLD MPPVSYDVQL LHSWNNNDRS LNVFVKEDDK LIFHRHPVAQ STDAIRGKVG YTRGLHVWQI TWAMRQRGTH AVVGATADA PLHSVGYTTL VGNNHESGW DLGRNRLYHD GKNQPSKTYP AFLEPDETFI VPDSFLVALD MDDGTLSFIV DGQYMGVAFR GLKGKKLYPV VSAVWGHCEI RMRYLNLDP E.

