

## 32-4952: Recombinant Human SPRY Domain-Containing SOCS Cox Protein 2

**Alternative Name :** SPRY domain-containing SOCS box protein 2,SSB-2,Gene-rich cluster protein C9,SPSB2,GRCC9,SSB2,GRCC9.

### Description

Source : Escherichia Coli. SPSB2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 287 amino acids (1-263 a.a) and having a molecular mass of 31.2kDa.SPSB2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. SPRY Domain-Containing SOCS Cox Protein 2 (SPSB2) belongs to a suppressor of cytokine signaling (SOCS) family, and is a member of the subfamily of proteins containing a central SPRY (repeats in splA and RyR) domain and a C-terminal SOCS box. SPSB2 is present in a gene-rich cluster on chromosome 12p13 in the vicinity of the CD4 antigen and triosephosphate isomerase genes. SPSB2 is apparent substrate recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and ensuing proteasomal degradation of target proteins.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** SPSB2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSHMGQTAL AGGSSTPTP QALYDLSCLP EGLEELLSAP  
PPDLGAQRRH GWNPKDCSEN IEVKEGGLYF ERRPVAQSTD GARGKRGYSR GLHAWAISWP  
LEQRGTHAVV GVATALAPLQ TDHYAALLGS NSESWGWDIG RGKLYHQSKG PGAPQYPAGT  
QGEQLEVPER LLVLDMEEG TLGYAIGGTY LGPAFRGLKG RTLYPAVSAV WGQCQVRIRY LGERRAEPHS  
LLHLSRLCVR HNLGDTRLGQ VSALPLPPAM KRYLLYQ.