

Recombinant Human SplA/ryanodine Receptor Domain And SOCS Box Containing 2, His-tagged

Cat. No. SPSB2-7212H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SPSB2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 31.2 kDa.
Species	Human
Source	E.coli
ProteinLength	1-263aa
Description	SPSB2 is a suppressor of cytokine signaling (SOCS) family member, and it belongs to the subfamily of proteins containing a central SPRY (repeats in splA and RyR) domain and a C-terminal SOCS box. This protein is present in a gene-rich cluster on chromosome 12p13 in the vicinity of the CD4 antigen and triosephosphate isomerase genes.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.
Molecular Mass	31.2 kDa (287aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSIMGQTAL AGGSSSTPTP QALYPDLSCP EGLEELLSAP PPDLGAQRRH GWNPKDCSEN IEVKEGGLYF ERRPVAQSTD GARGKRGYSR GLHAWAISWP LEQRGTHAVV GVATALAPLQ TDHYAALLGS

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NSESWGWDIG RGKLYHQSKG PGAPQYPAGT QGEQLEVPER LLVLDMEEG
 TLGYAIGGT Y LGPAFRGLKG RTLYPAVSAV WGQCQVRIRY LGERRAEPHS
 LLHLSRLCVR HNLGDTRLGQ VSALPLPPAM KRYLLYQ

Purity >85% by SDS - PAGE

Applications SDS-PAGE

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.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name SPSB2 splA/ryanodine receptor domain and SOCS box containing 2 [Homo sapiens]

Official Symbol SPSB2

Synonyms SPSB2; splA/ryanodine receptor domain and SOCS box containing 2; SPRY domain-containing SOCS box protein 2; GRCC9; SSB 2; gene-rich cluster protein C9; SPRY domain-containing SOCS box protein SSB-2; SSB2; MGC2519; FLJ17395;

Gene ID 84727

mRNA Refseq NM_001146316

Protein Refseq NP_001139788

MIM 611658

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UniProt ID	Q99619
Chromosome Location	12p13.31
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	molecular_function; protein binding;

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