

SPSB2, 1-263aa, Human, His tag, E.coli

Cat.NO.: TP04025

3th Edition

Synonyms:SPRY domain-containing SOCS box protein 2, GRCC9, SSB2

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. Recombinant human SPSB2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Molecular Weight:31.2 kDa (287aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMGQTALAGGSSSTPTPQALYPDLSCEGLEELLSAPPPDLGAQRRHGWN
PKDCSENIKVKEGGLYFERRPVAQSTDGARGKRGYSRGLHAWAISWPLEQRGTHAVVGVATALAPLQTDHYAALL
GSNSESWGWDIGRGLYHQSKGPGAPQYPAGTQGEQLEVPERLLVLDMEEGTLGYAIGGTYLGPAPFRGLKGR
LYPAVSAVWGQCQVRIRYLGERRAEPHSLHLSRLCVRHNLGDTRLGQVSALPLPPAMKRYLLYQ

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.