
Product Data Sheet

Product Name: SPSB2 Human

Cat. No.: GP24691

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	SPRY domain-containing SOCS box protein 2; SSB-2; Gene-rich cluster protein C9; SPSB2; GRCC9; SSB2; GRCC9.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMGQTAL AGGSSSTPTP QALYPDLSCP EGLEELLSAP PPDLGAQRRH GWNPKDCSEN IEVKEGGLYF ERRPVAQSTD GARGKRGYSR GLHAWAISWP LEQRGTHAVV GVATALAPLQ TDHYAALLGS NSESWGWDIG RGKLYHQSKG PGAPQYPAGT QGEQLEVPER LLVLDMEEG TLGYAIGGTY LGPAFRGLKG RTLYPAVSAV WGQCQVRIRY LGERRAEPHS LLHLSRLCVR HNLGDTRLGQ VSALPLPPAM KRYLLYQ.		
Formulation	SPSB2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

Introduction

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.

Stability

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

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.

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