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SPSB2 Human

SPRY Domain-Containing SOCS Cox Protein 2 Human Recombinant
RCP2232

Product Overview

Name	SPSB2 Human
Description	
SPRY Domain-Containing SOCS Cox Protein 2 Human Recombinant	
Accession (Primary)	Q99619
Synonyms	
SPRY domain-containing SOCS box protein 2, SSB-2, Gene-rich cluster protein C9, SPSB2, GRCC9, SSB2, GRCC9.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
SPSB2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MGQTAL AGGSSSTPTP QALYPDLSCP EGLEELLSAP PPDLGAQRRH GWNPKDCSEN IEVKEGGLYF ERRPVAQSTD GARGKRGYSR GLHAWEISWP LEQRGTHAVV GVATALAPLQ	

TDHYAALLGS NSESWGWDIG RGKLYHQSKG PGAPQYPAGT QGEQLEVPER LLVVLDMEEG TLGYAIGGTY LGPAFRGLKG RTLYPAVSAV WGQCQVRIRY LGERRAEPHS LLHLSRLCVR HNLGDTRLGQ VSALPLPPAM KRYLLYQ.

Precautions

SPSB2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99619)