

Recombinant Human SPSB1 293 Cell Lysate

Cat. No. SPSB1-1487HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for splA/ryanodine receptor domain and SOCS box containing 1 (SPSB1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

SPSB1 splA/ryanodine receptor domain and SOCS box containing 1 [Homo sapiens]

Official Symbol

SPSB1

Synonyms

SPSB1; splA/ryanodine receptor domain and SOCS box containing 1; SPRY domain-containing SOCS box protein 1; SSB 1; novel SPRY domain containing protein; SPRY domain-containing SOCS box protein SSB-1; SSB1; SSB-1;

Gene ID

80176

mRNA Refseq

NM_025106

Protein Refseq

NP_079382

MIM

611657

UniProt ID

Q96BD6

Chromosome Location

1p36.22

Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem;

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