Recombinant human SPSB1 protein

Catalog Number: ATGP1054

PRODUCT INFORMATION

Expression system
E.coli

Domain
24-233aa

UniProt No.
Q96BD6

NCBI Accession No.
NP_079382

Alternative Names
SPRY domain-containing SOCS box protein 1, SSB-1, SSB1

PRODUCT SPECIFICATION

Molecular Weight
26.1 kDa (231aa) confirmed by MALDI-TOF

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
SPRY domain-containing SOCS box protein 1 (SPSB1), also known as SSB1, is a member of the SOCS box protein subfamily. This protein contains a central SPRY domain and a C-terminal SOCS box. Although some of the SOCS protein subfamilies function as adaptors for a large family of ubiquitin-protein isopeptide ligases to regulate certain signaling pathways, the function of the SSB subfamily remains to be determined. SPSB1 may play an important role in enhancing the HGF-induced Erk-Elk-1-SRE pathway. Over expression of SPSB1 exhibited no effect on the basal level or epidermal growth factor-induced SRE-luciferase activity. Recombinant human SPSB1

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

Amino acid Sequence

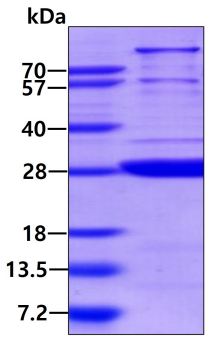
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General References

Woo J S., et al. (2006) Equb. 25(6):1353-63.
Wang D., et al. (2005) J Biol Chem. 280(16):16393-401.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.