

## Product datasheet for **AR09994PU-L**

### SPSB1 (24-233, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	SPSB1 (24-233, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MQELQGLDYC</u> KPTRLDLLLD MPPVSYDVQL LHSWNNNDRS LNVFVKEDDK LIFHRHPVAQ STDAIRGKVG YTRGLHVWQI TWAMRQRGTH AVVGVATADA PLHSVGYTTL VGNNHESWGW DLGRNRLYHD GKNQPSKTYP AFLEPDETFI VPDSFLVALD MDDGTLFIV DGQYMGVAFR GLKGKKLYPV VSAVWGHCEI RMRYLNGLDP E
Tag:	His-tag
Predicted MW:	26.1 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 30% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SPSB1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_079382</u>
Locus ID:	80176
UniProt ID:	<u>Q96BD6</u> , <u>A0A024R4G8</u>
Cytogenetics:	1p36.22
Synonyms:	SSB-1; SSB1



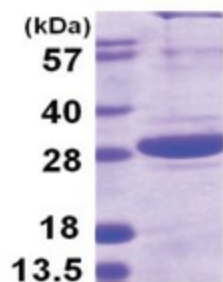
[View online »](#)

**Summary:**

Substrate recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:15601820, PubMed:21199876). Negatively regulates nitric oxide (NO) production and limits cellular toxicity in activated macrophages by mediating the ubiquitination and proteasomal degradation of NOS2 (PubMed:21199876). Acts as a bridge which links NOS2 with the ECS E3 ubiquitin ligase complex components ELOC and CUL5 (PubMed:21199876).[UniProtKB/Swiss-Prot Function]

**Protein Families:**

Druggable Genome

**Product images:**

15% SDS-PAGE (3ug)