

Product datasheet for **TP303566M**

SPSB4 (NM_080862) Human Recombinant Protein

Product data:

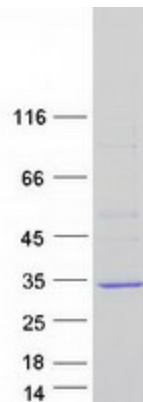
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human splA/ryanodine receptor domain and SOCS box containing 4 (SPSB4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203566 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGQKLSGSLKSVEVREPALRPAPKRELGAEPGRPARLDQLLDMPAAGLAVQLRHAWNPEDRSLNVFVKD D DRLTFHRHPVAQSTDGIRGKVGHARGLHAWQINWPARQRGTHAVVGVATARAPLHSVGYTALVGSDAE SW GWDLGRSRLYHDGKNQPGVAYPAFLGPDEAFALPDSLLVLDMDDEGTLSEFVDGQYLGVAFRGLKGGKKLY PVVSAVWGHCEVTMRYINGLDPEPLPLMDLCRRSIRSALGRQRLQDISSLPLPQSLKNYLQYQ</p> <p>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	30 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_543138</u>



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Locus ID:	92369
UniProt ID:	Q96A44
RefSeq Size:	2455
Cytogenetics:	3q23
RefSeq ORF:	819
Synonyms:	SSB-4; SSB4
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:21199876, PubMed:15601820). 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). Diminishes EphB2-dependent cell repulsive responses by mediating the ubiquitination and degradation of EphB2/CTF2 (PubMed:28931592). Regulates cellular clock function by mediating the ubiquitin/proteasome-dependent degradation of the circadian transcriptional repressor NR1D1 (PubMed:26392558).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified SPSB4 protein (Cat# [TP303566]). The protein was produced from HEK293T cells transfected with SPSB4 cDNA clone (Cat# [RC203566]) using MegaTran 2.0 (Cat# [TT210002]).