

Datasheet for ABIN7562669
SPSB2 Protein (AA 1-264) (His tag)



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Overview

Quantity:	1 mg
Target:	SPSB2
Protein Characteristics:	AA 1-264
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPSB2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Spsb2 Protein expressed in mammalian cells.
Sequence:	<p>MGQTALARGS SSTPTSQALY SDFSPPEGLE ELLSAPPPDL VAQRHHGWNP KDCSENIDVK</p> <p>EGGLCFERRP VAQSTDGVRG KRGYSRGLHA WEISWPLEQR GTHAVVGVAT ALAPLQADHY</p> <p>AALLGSNSES WGWDIGRGKL YHQSGGLEAP QYPAGPQGEQ LVVPERLLVV LDMEEGTLGY</p> <p>SIGGTYL GPA FRGLKGRTLY PSVSAVWGQC QVRIRYMGER RVEEPQSL LH LSRLCVRHAL</p> <p>GDTRLGQIST LPLPPAMKRY LLYK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SPSB2
Alternative Name:	Spsb2 (SPSB2 Products)
Background:	SPRY domain-containing SOCS box protein 2 (SSB-2) (Gene-rich cluster protein C9),FUNCTION: 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:20603330). Negatively regulates nitric oxide (NO) production and limits cellular toxicity in activated macrophages by mediating the ubiquitination and proteasomal degradation of NOS2 (PubMed:20603330). Acts as a bridge which links NOS2 with the ECS E3 ubiquitin ligase complex components ELOC and CUL5 (By similarity). {ECO:0000250 UniProtKB:Q99619, ECO:0000269 PubMed:20603330}.
Molecular Weight:	28.9 kDa
UniProt:	O88838

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months