

Surfactant Associated Protein B (SPB) Recombinant Protein | SPB recombinant protein

Recombinant Surfactant Associated Protein B (SPB)

CATALOG # AAA134721	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

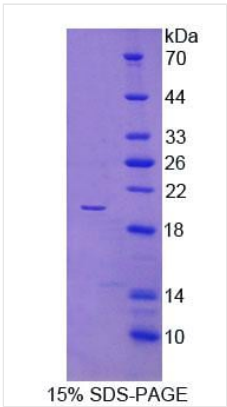
PRODUCT SYNONYMS

Surfactant Associated Protein B (SPB); Recombinant Surfactant Associated Protein B (SPB); SPB recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for SPB recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gly20~Pro193
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular
Traits	Freeze-dried powder
Predicted isoelectric point	5.8
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

G A A I T S A S S L E C A Q G P Q F W C Q S L E H A V Q C R A
L G H C L Q E V N G H A G A N D L C Q E C E D I V H L L T K M T K E D A F Q E A I R K F L E Q E C D
I L P L K L L V P R C R Q V L D V Y L P L V I D Y F Q S Q I N P K A I C N H V G L C P R G Q A K P E
Q N P G M P D A V P N P L L D K L V L P V L P G A L L A R P G P H T Q D F S E Q Q L P

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	1709875
UniProt Accession #	P50405
Molecular Weight	Predicted Molecular Mass: 20.4kDa Accurate Molecular Mass: 20kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Pulmonary surfactant-associated protein B
UniProt Protein Name	Pulmonary surfactant-associated protein B
UniProt Gene Name	Sftpb
UniProt Synonym Gene Names	Sftp3; SP-B
UniProt Entry Name	PSPB_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sftpb-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134721>