

Surfactant Associated Protein B Recombinant Protein | SPB recombinant protein

Recombinant Surfactant Associated Protein B (SPB)

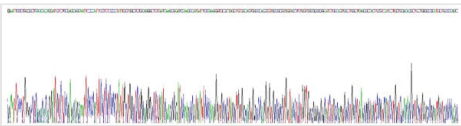
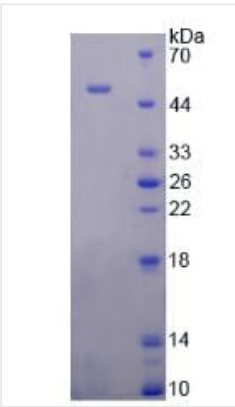
CATALOG # AAA144474	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Applicable Applications for SPB recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Phe201~Leu381
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.8
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 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.



Gene Sequence
Gene Sequencing (extract

SDS-PAGE

FPIPLPYCWL CRALIKRIQA MIPKGALAVA VAQVCRVPL VAGGICQCLA
ERYSVILLDT LLGRMLPOLV CRLVLRCSMD DSAGPRSPGT EWLPRDSECH
LCMSVTTQAG NSSEQAIPQA MLQACVGSWL DREKCKQFVE QHTPQLTLV
PRGWAHTTC QALGVCGTMS SPLQCIHSPD L

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	149036401
NCBI GeneID	192155
Molecular Weight	Predicted Molecular Mass: 51.1kDa Accurate Molecular Mass: 51kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	surfactant associated protein B
NCBI Official Synonym Full Names	surfactant protein B
NCBI Official Symbol	Sftpb
NCBI Official Synonym Symbols	Sp-b
NCBI Protein Information	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_RAT

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.