

Surfactant Protein B (SP-B) Recombinant Protein | SP-B recombinant protein

Recombinant Surfactant Protein B (SP-B)

CATALOG # AAA153462	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Surfactant Protein B (SP-B); Recombinant Surfactant Protein B (SP-B); Surfactant Protein B; SP-B recombinant protein (prokaryotic); Human; SFTPB; PSPB; SFTB3; SFTPB3; SPB; Surfactant Associated Protein B; Pulmonary Surfactant Protein B; 18 kDa pulmonary-surfactant protein; 6 kDa protein; SP-B recombinant protein

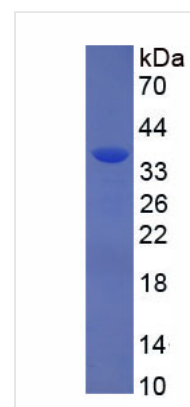
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Phe201~Leu381
Applicable Applications for SP-B recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	Two N-terminals, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.8
Subcellular Location	Secreted, Extracellular matrix
Research Area	Tumor immunity
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

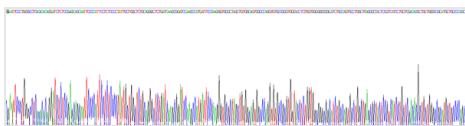
IMAGES

FPIPLPYCWL CRALIKRIQA MIPKALAVA VAQVCRVPL VAGGICQCLA
 ERYSVILLDT LLGRMLPQLV CRLVLRCSMD DSAGPRSPGT EWLPRDSECH
 LCMSTTTQAG NSSEQAIPQA MLQACVGSWL DRECKQFVE QHTPQLTLV
 PRGNDHTTC QALGVCGTMS SPLQCIHSPD L

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure . Gene Sequencing (extract)

ADDITIONAL INFORMATION

Product Categories/Family for SP-B recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	288856299
NCBI GeneID	6439
NCBI Accession #	NP_000533.3
NCBI GenBank Nucleotide #	NM_000542.3
UniProt Accession #	P07988; Q96R04
Molecular Weight	42,117 Da
NCBI Official Full Name	pulmonary surfactant-associated protein B
NCBI Official Synonym Full Names	surfactant protein B
NCBI Official Symbol	SFTPB
NCBI Official Synonym Symbols	SP-B; PSP-B; SFTB3; SFTP3; SMDP1
NCBI Protein Information	pulmonary surfactant-associated protein B; 6 kDa protein; 18 kDa pulmonary-surfactant protein; pulmonary surfactant-associated proteolipid SPL(Phe)
UniProt Protein Name	Pulmonary surfactant-associated protein B
UniProt Gene Name	SFTPB
UniProt Synonym Gene Names	SFTP3; SP-B
UniProt Entry Name	PSPB_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/sftpb-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153462>