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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SFTPB (Human) Recombinant Protein

Catalog Number: P9409

Regulation Status: For research use only (RUO)

Product Description: Human SFTPB (P07988, 25 a.a. - 381 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.

Sequence:

WTTSSLACAQGPEFWCQSLEQALQCRALGHCLQEY
WGHVGADDLCQECEDIVHILNKMAKEAIFQDTMRKFL
EQECNVLPKLLMPQCQNVLDYFPLVIDYFQNQTDS
NGICMHLGLCKSRQPEPEQEPGMSDPLPKPLRDPLPD
PLLDKLVLPVLPALQARPGPHTQDLSEQQFPIPLPYC
WLCRALIKRIQAMIPK GALAVAVAQVCRVVPLVAGGIC
QCLAERYSVILLDTLLGRMLPQLVCRLVLRCSMDDSA
GPRSPTGEWLPRDSECHLCMSVTTQAGNSSEQAIPQ
AMLQACVGSWLDREKCKQFVEQHTPQLLTLVPRGWD
AHTTCQALGVCMTSSPLQCIHSPDLHHHHHHH

Host: Mammals

Theoretical MW (kDa): 40.4

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (HEK293)
expression system

Purity: > 95.0% by SDS-PAGE

Recommend Usage: Biological Activity
SDS-PAGE

The optimal working dilution should be determined by
the end user.

Storage Buffer: Lyophilized from sterile distilled Water

Storage Instruction: Store at 2°C to 8°C for 1 week.

For long term storage, aliquot and store at -20°C to
-80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6439

Gene Symbol: SFTPB

Gene Alias: PSP-B, SFTB3, SFTP3, SMDP1, SP-B

Gene Summary: The SFTPB gene encodes the pulmonary-associated surfactant B protein (SPB), an amphipathic surfactant protein essential for lung function and homeostasis after birth. Pulmonary surfactant is a lipid-rich material that prevents lung collapse by lowering surface tension at the air-liquid interface in the alveoli of lung. SPB enhances the rate of spreading and increases the stability of surfactant monolayers in vitro. Surfactant is composed of phospholipids and other surfactant-associated proteins (Clark et al., 1995 [PubMed 7644495]). See also SFTPA1 (MIM 178630), SFTPC (MIM 178620), and SFTPD (MIM 178635).[supplied by OMIM]