

# Human SFTPB Recombinant Protein



RPPB4653

---

## Product Information    Protein Information

**Product SKU:**

RPPB4653

**Accession:**

P07988

**Host:**

HEK293 Cells.

**Protein description:**

SFTPB Human Recombinant is a single, glycosylated polypeptide chain containing 363 amino acids (25-381a.a) and having a molecular mass of 40.4kDa (calculated). SFTPB is fused to a 6 a.a on C-terminal.

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Pulmonary surfactant-associated protein B, SP-B, 18 kDa pulmonary-surfactant protein, 6 kDa protein, Pulmonary surfactant-associated proteolipid SPL(Phe), SFTPB, SFTP3.

**Formulation:**

SFTPB filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in PBS and 5% trehalose (w/v), pH 7.4.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

WTTSSLACAQ GPEFWCQSLE QALQCRLGH CLQEVWGHVG ADDLCQECED IVHILNKMAK EAIQDTRMK  
FLEQECNVLP LKLLMPQCNQ VLDDYFPLVI DYFQNQTDSN GICMHLGLCK SRQPEPEQEP GMSDPLPKPL  
RDPLPDLLD KLVLPVLPGA LQARPGPHTQ DLSEQQFPIP LPYCWLCRAL IKRIQAMIPK GALAVAVAQV  
CRVVPLVAGG ICQCLAERYS VILLDTLLGR MLPQLVCRLV LRCSMDDSAG PRSPTGEWLPR DSECHLCMSV  
TTQAGNSSEQ AIPQAMLQAC VGSWLDREKC KQFVEQHTPQ LLTLVPRGWD AH TTCQALGV CGTMSSPLQC  
IHSPDLHHHHHH.