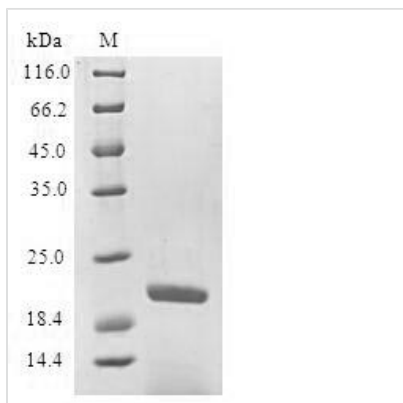


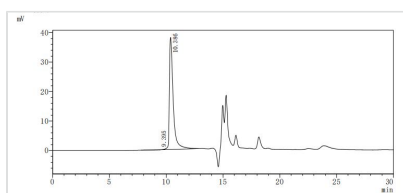


Recombinant Human Pulmonary surfactant-associated protein B (SFTP B)

Product Code	CSB-CF021173HU
Relevance	Pulmonary surfactant-associated proteins promote alveolar stability by lowering the surface tension at the air-liquid interface in the peripheral air spaces. SP-B increases the collapse pressure of palmitic acid to nearly 70 millinewtons per meter.
Abbreviation	Recombinant Human SFTP B protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P07988
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose
Product Type	Transmembrane Proteins
Immunogen Species	Homo sapiens(Human)
Purity	Greater than 90% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
Sequence	FPIPLPYCWLCRALIKRIQAMIPK GALAVAVAQVCRVVPLVAGGICQCLAERYS VILLDTLLGRMLPQLVCRLVLRCSM
Source	in vitro E.coli expression system
Target Names	SFTP B
Protein Names	18 kDa pulmonary-surfactant protein6 kDa proteinPulmonary surfactant-associated proteolipid SPL(Phe)
Expression Region	201-279aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	24.7kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



The purity of SFTPB was greater than 90% as determined by SEC-HPLC.

Shelf Life

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