Recombinant Human SFTPB Protein (201-279 aa)

Cat. No. SFTPB-2223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SFTPB Protein (201-279 aa) is produced by Yeast expression system. Research Area: Cell Biology. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	201-279 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	8.7 kDa
AA Sequence	FPIPLPYCWLCRALIKRIQAMIPKGALAVAVAQVCRVVPLVAGGICQCLAERYSVILLD TLLGRMLPQLVCRLVLRCSM
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

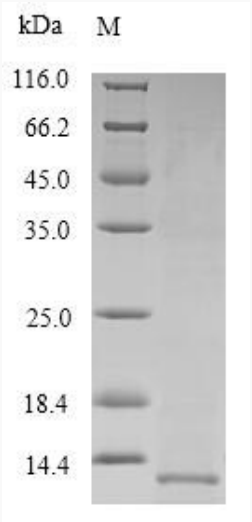
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	SFTPB surfactant protein B [Homo sapiens]
Official Symbol	SFTPB
Synonyms	SFTPB; surfactant protein B; SP B; 6 kDa protein; SP-B; PSP-B; SFTB3; SFTP3; SMDP1;
Gene ID	6439
mRNA Refseq	NM_000542
Protein Refseq	NP_000533
MIM	178640
UniProt ID	P07988

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA



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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA