

Recombinant Mouse Sftpb Protein, Myc/DDK-tagged

Cat. No. Sftpb-5816M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length surfactant associated protein B (Sftpb), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	57.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 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

Gene Name	Sftpb surfactant associated protein B [Mus musculus (house mouse)]
Official Symbol	Sftpb
Synonyms	Sftpb; surfactant associated protein B; SP; SF-; Sft; SF-B; SP-B; Sftp; Sftp3; Sftp-3; AI562151; pulmonary surfactant-associated protein B; pulmonary surfactant-associated proteolipid SPL(Phe)
Gene ID	20388
mRNA Refseq	NM_147779
Protein Refseq	NP_680088
UniProt ID	P50405

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