

Recombinant Human SFTPC Protein (24-58 aa), His-tagged

Cat. No. SFTPC-1517H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SFTPC Protein (24-58 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Transport. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	24-58 aa
Description	Pulmonary surfactant associated proteins promote alveolar stability by lowering the surface tension at the air-liquid interface in the peripheral air spaces.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	5.7 kDa
AA Sequence	FGIPCCPVHLKRLIVVVVVVLIVVVIVGALLMGL
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.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage

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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 with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name SFTPC surfactant protein C [Homo sapiens]

Official Symbol SFTPC

Synonyms SFTPC; PSP C; SMDP2; SP C; SP5; SP-C; PSP-C; SFTP2;

Gene ID 6440

mRNA Refseq NM_001172357

Protein Refseq NP_001165828

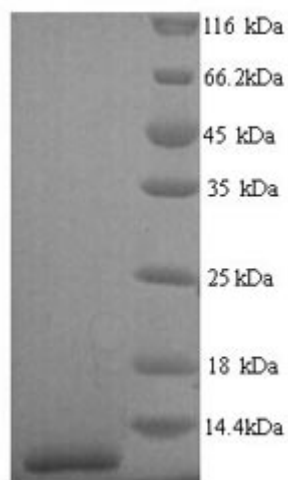
MIM 178620

UniProt ID P11686

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

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