

# Recombinant Human SFTPC protein, GST-tagged

**Cat. No.** SFTPC-3490H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SFTPC protein(P11686)(24-58aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 24-58aa                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 30.7 kDa                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | FGIPCCPVHLKRLIVVVVVVLIVVVIVGALLMGL                                                                                                                                                                                                    |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                        |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for                                                                |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SFTPC surfactant protein C [ Homo sapiens ]                                                                                                                                                                                                                           |
| <b>Official Symbol</b> | SFTPC                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | SFTPC; surfactant protein C; SFTP2, surfactant, pulmonary associated protein C; pulmonary surfactant-associated protein C; PSP C; SMDP2; SP C; SP5; pulmonary surfactant apoprotein-2 SP-C; pulmonary surfactant-associated proteolipid SPL(Val); SP-C; PSP-C; SFTP2; |
| <b>Gene ID</b>         | 6440                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_001172357                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_001165828                                                                                                                                                                                                                                                          |
| <b>MIM</b>             | 178620                                                                                                                                                                                                                                                                |
| <b>UniProt ID</b>      | P11686                                                                                                                                                                                                                                                                |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA