

## Recombinant Mouse Sftpc protein, His-KSI-tagged

**Cat. No.** Sftpc-3491M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Sftpc protein(P21841)(24-58aa), fused to N-terminal His-KSI tag, was expressed in E. coli.                                                                                                                          |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                 |
| <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>   | 19.1 kDa                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | FRIPCCPVHLKRLIVVVVVVLVVVVIVGALLMGL                                                                                                                                                                                                    |
| <b>Purity</b>           | Greater than 85% 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                                                                |

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

## GENE INFORMATION

|                 |                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | <a href="#">Sftpc surfactant associated protein C [ Mus musculus ]</a>                                                                                                      |
| Official Symbol | <a href="#">Sftpc</a>                                                                                                                                                       |
| Synonyms        | SFTPC; surfactant associated protein C; pulmonary surfactant-associated protein C; pulmonary surfactant-associated proteolipid SPL(Val); SP5; SP-C; Sftp2; Sftp-2; pro-SpC; |
| Gene ID         | <a href="#">20389</a>                                                                                                                                                       |
| mRNA Refseq     | <a href="#">NM_011359</a>                                                                                                                                                   |
| Protein Refseq  | <a href="#">NP_035489</a>                                                                                                                                                   |

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