



Recombinant Surfactant Protein C (SP-C)

Catalog No.: TP09342

100µg

Sequence Information

Species: Human

Gene ID:6440

Swiss Prot:P11686

Synonyms:SFTPC; PSP-C; SFTP2; SPC; SP5;

Surfactant Associated Protein C;

Pulmonary Surfactant Protein C;

Pulmonary surfactant-associated
proteolipid SPL(Val)

Residues:Phe24~Ile191

FGIPCCPVHLKRLLIWVVVVLIWVVIVGALLMGLHMSQKHEMVLEMSIGAPE

AQQLALSEHLVTTATFSIGSTGLVVYDYQQLLIAYKPAPGTCCYIMKIAPESI

PSLEALTRKVHNFQAKPAVPTSKLGQAEGRDAGSAPSGGDP AFLGMAVSTLCGE

VPLYI

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His and GST Tag

Subcellular Location: Secreted, Extracellular matrix.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.5

Predicted Molecular Mass: 47.9kDa

Accurate Molecular Mass: 48kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.