

Recombinant Pulmonary Surfactant Associated Protein A1 (SFTPA1)

Catalog No.: TP08682 50µg

Sequence Information

Species: Mouse

Swiss Prot:P35242

Synonyms:PRL; SFTPA; PSAP; PSPA; SFTP;
SPA; COLEC4; PSP-A; SFTP1;
SFTPA1B; SP-A1; Collectin-4; Alveolar
proteinosis protein; 35 kDa pulmonary
surfactant-associated protein; Surfactant
Associated Protein A

Residues:Asn21~Phe248

NGTEVCAGSPGIPGTPGNHGLPGRDGRDGIKGDPPGPPGMPGPPGGMPGLPGRDG
LPGAPGAPGEHGDKGEPGERGLPGFPAYLDEELQTASYEIKHQILQTMGVLSLQ
GSMLSVGDKVFSTNGQSVNFDTIREMCTRAGGHIAAPRNPEENEAIASITKKYN
TYPYLGVIIEGQTPGDFHYLDGASVNYTNWYPGEPRGRGKEKCVEMYTDGKWNDK
GCLQYRLAICEF

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags:N-terminal His Tag

Subcellular Location: Secreted.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation:PBS, pH7.4, containing 0.1% SKL, 5% Trehalose.

Original Concentration: 100µg/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: 5.9

Predicted Molecular Mass: 27.8kDa

Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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



Figure 2. SDS-PAGE

[IMPORTANT NOTE]

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.