

Recombinant Human SFTPD protein(Glu22Gly), His-tagged

Cat. No. SFTPD-5400H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SFTPD protein(Ala21-Phe375(Glu22Gly)), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-375 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Molecular Mass	36.27 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

minimize free-thaw cycles.

GENE INFORMATION

Gene Name [SFTPD surfactant protein D \[Homo sapiens \]](#)

Official Symbol [SFTPD](#)

Synonyms SFTPD; surfactant protein D; SFTP4, surfactant, pulmonary associated protein D; pulmonary surfactant-associated protein D; COLEC7; SP D; collectin 7; collectin-7; lung surfactant protein D; pulmonary surfactant apoprotein; surfactant, pulmonary-associated protein D; surfactant-associated protein, pulmonary 4; SP-D; PSP-D; SFTP4;

Gene ID [6441](#)

mRNA Refseq [NM_003019](#)

Protein Refseq [NP_003010](#)

MIM [178635](#)

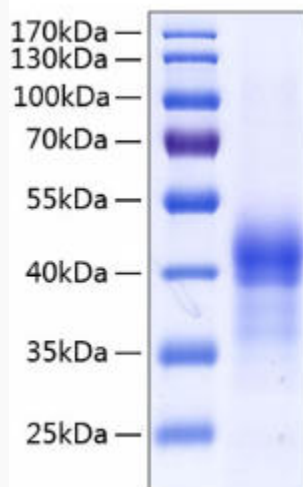
UniProt ID [P35247](#)

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SDS-PAGE



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