

Recombinant Human SFTPD Protein, His-tagged

Cat. No. SFTPD-1237H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SFTPD Protein (Ala21-Phe375) with His tag was expressed in 293F.
Species	Human
Source	HEK293
ProteinLength	Ala21-Phe375
Description	The protein encoded by this gene is part of the innate immune response, protecting the lungs against inhaled microorganisms and chemicals. The encoded protein may also be involved in surfactant metabolism.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.1 kDa; Accurate Molecular Mass: 44 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

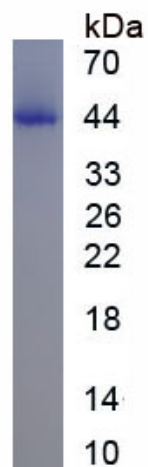
GENE INFORMATION

Gene Name	SFTPD surfactant protein D [Homo sapiens (human)]
Official Symbol	SFTPD
Synonyms	SFTPD; surfactant protein D; SP-D; PSP-D; SFTP4; COLEC7; pulmonary surfactant-associated protein D; collectin-7; lung surfactant protein D; pulmonary surfactant apoprotein; surfactant-associated protein, pulmonary 4
Gene ID	6441
mRNA Refseq	NM_003019
Protein Refseq	NP_003010
MIM	178635
UniProt ID	P35247

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