

Recombinant Human SFTPD protein, His-tagged

Cat. No. SFTPD-2648H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Lung surfactant protein D/SFTPD(E22G) Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ala21-Phe375 (Glu22Gly)) of human SFTPD/SP-D/SFTP4 (Accession #NP_003010.4) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Ala21-Phe375 (Glu22Gly)
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Molecular Mass	40-50 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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GENE INFORMATION

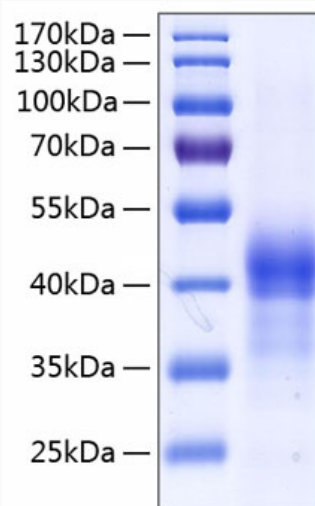
Gene Name	SFTPD surfactant protein D [Homo sapiens]
Official Symbol	SFTPD
Synonyms	SFTPD; surfactant protein D; SFTP4, surfactant, pulmonary associated protein D; pulmonary surfactant-associated protein D; COLEC7; SP D; collectin 7; collectin-7; lung surfactant protein D; pulmonary surfactant apoprotein; 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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