

Recombinant Human SFTPD protein, His-tagged

Cat. No. SFTPD-3868H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SFTPD protein(NP_003010.4)(Met 1-Phe 375) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-375 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The form of human SFTPD consists of 366 amino acids and predicts a molecular mass of 37 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of SFTPD is 47 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

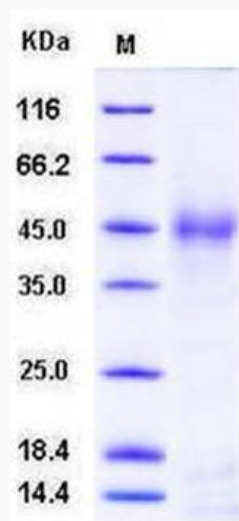
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protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_003010.4
Unit ID	P35247
Unit ID-Weblink	http://www.uniprot.org/uniprot/P35247
GENE INFORMATION	
Gene Name	SFTPD surfactant protein D [Homo sapiens]
Official Symbol	SFTPD
Synonyms	SFTPD; 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

SDS-PAGE



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