

HuPro®

SFTPD (Human) Recombinant Protein

Catalog # P7538

Size 50 ug

Specification

Product Description	Human SFTPD (P35247, 21 a.a. - 375 a.a.) partial recombinant protein expressed in HEK293 cell.
Sequence	AEMKTYSHRTMP SACTLVMCSSVESGLPGRDGRDGRGREGPRGEKGDPLPGAAGQAGMPGQA GPVGPKGDNGSVGEPGPKGDTGPSGPPGPPGVPGPAGREGPLGKQGNIGPQGKPGPKGEAG PKGEVGAPGMQGSAGARGLAGPKGERGVPGERGVPGNTGAAGSAGAMGPQGSPGARGPPGL KGDKGIPGDKGAKGESGLPDVASLRQQVEALQQQVQHLQAAFSQYKKVELFPNGQSVGEKIFKT AGFVKPFTEAQLLCTQAGGQLASPRSAENAALQQLVVAKNEAFLSMTDSKTEGKFTYPTGES LVYSNWAPGEPND DGGSEDCVEIFTNGKWNDRACGEKRLVVCEF
Host	Mammals
Theoretical MW (kDa)	40-45
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 98% by SDS-PAGE
Endotoxin Level	< 0.2 EU per 1 ug of protein (determined by gel clotting method)
Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — SFTPD

Entrez GeneID	6441
Protein Accession#	P35247
Gene Name	SFTPD
Gene Alias	COLEC7, PSP-D, SFTP4, SP-D
Gene Description	surfactant protein D
Omim ID	178635
Gene Ontology	Hyperlink
Gene Summary	pulmonary-associated protein D surfactant-associated protein
Other Designations	OTTHUMP00000019944 collectin 7 pulmonary surfactant apoprotein pulmonary surfactant-associated protein D surfactant, pulmonary-associated protein D surfactant-associated protein, pulmonary 4

Disease

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bronchiolitis](#)
- [Bronchopulmonary Dysplasia](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Coronary Disease](#)
- [Cystic Fibrosis](#)

- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Inflammation](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Meningococcal Infections](#)
- [Periodontitis](#)
- [Pneumonia](#)
- [Pulmonary Disease](#)
- [Pulmonary Fibrosis](#)
- [Respiratory Distress Syndrome](#)
- [Respiratory Syncytial Virus Infections](#)
- [Respiratory Tract Infections](#)
- [Rhinitis](#)
- [Sepsis](#)
- [Sudden Infant Death](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)