

Surfactant Protein D Recombinant Protein | SFTPD recombinant protein

Recombinant Human Surfactant Protein D

CATALOG # AAA39063	HOST Escherichia Cali.
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PRODUCT SYNONYMS

Surfactant Protein D; Recombinant Human Surfactant Protein D; SFTPD recombinant protein

PRODUCT SPECIFICATIONS

Host	Escherichia Cali.
Purity/Purification	Greater than 80.0% as determined by SOS-PAGE.
Form/Format	SFTPD protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and OAM Urea.
Concentration	1mg/ml (varies by lot)
Sequence	MGSSHHH HHHSSGLVPR GSHMGS VASLRQQVEA LQGQVQHLQA AFSQYKKVEL FPNQGQSVGEK IFKTAGFVKP FTEAQLLCTQ AGGQLASPRS AAENAALQQL VVAKNEAAFL SMTDSKTEGK FTYPTGESLV YSNWAPGEPN DDGGSSEDCVE IFTNGKWDR ACGEKRLVC EF.
Sequence Length	375
Physical Appearance	Sterile filtered colorless solution.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for SFTPD recombinant protein	SFTPD Human Recombinant protein produced in E.Coli is a single, non-glycosylated polypeptide chain containing 175 amino acids (224-375 a.a) and having a molecular mass of 18.9kDa. SFTPD is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for SFTPD recombinant protein	Recombinant & Natural Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	292507
NCBI GeneID	6441
Molecular Weight	37,728 Da
NCBI Official Full Name	surfactant protein D
NCBI Official Synonym Full Names	surfactant protein D
NCBI Official Symbol	SFTPD
NCBI Official Synonym Symbols	SP-D; PSP-D; SFTP4; COLEC7
NCBI Protein Information	pulmonary surfactant-associated protein D; collectin 7; collectin-7; lung surfactant protein D; pulmonary surfactant apoprotein; surfactant, pulmonary-associated protein D; surfactant-associated protein, pulmonary 4

UniProt Protein Name	Pulmonary surfactant-associated protein D
UniProt Gene Name	SFTPD
UniProt Synonym Gene Names	COLEC7; PSPD; SFTP4; PSP-D; SP-D
UniProt Entry Name	SFTPD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/sftpd-recombinant-protein-escherichia-cali/39063>