

Human SFTPD Recombinant Protein



RPPB4665

Product Information Protein Information

Product SKU:

RPPB4665

Accession:

P35247

Host:

Sf9, Baculovirus cells.

Protein description:

SFTPD produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 363 amino acids (22-375 a.a.) and having a molecular mass of 36.5kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).SFTPD is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Surfactant Protein D, Lung Surfactant Protein D, Collectin-7, COLEC7, SFTP4, PSP-D, SP-D, Surfactant-Associated Protein, Pulmonary 4, Surfactant, Pulmonary-Associated Protein D, Pulmonary Surfactant-Associated Protein D, Pulmonary Surfactant Apoprotein, PSPD.

Formulation:

SFTPD protein solution (0.25mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.

Amino Acid Sequence:

ADPEMKTYSH RTMPSACTLV MCSSVESGLP GRDGRDREG PRGEKGDPLG PGAAGQAGMP GQAGPVGPKG
DNGSVGEPGP KGDTGPSGPP GPPGVPGPAG REGPLGKQGN IGPOGKPGPK GEAGPKGEVG APGMQGSAGA
RGLAGPKGER GVPGERGVPG NTGAAGSAGA GPQGSPGARGPPGLKGDKG IPGDKGAKGE SGLPDVASLR
QQVEALQGQV QHLQAAFSQY KKVLFPNGQ SVGEKIFKTA GFVKPFTEAQ LLCTQAGGQL ASPRSAAENA
ALQQLVAKN EAAFLSMTDS KTEGKFTYPT GESLVYSNWA PGEPNDDGGS EDCVEIFTNG KWNDRACGEK
RLVCFEHHH HHH.