

Human SFTPD Recombinant Protein



RPPB4664

Product Information Protein Information

Product SKU:

RPPB4664

Accession:

P35247

Host:

Escherichia Coli.

Protein description:

SFTPD Human Recombinant 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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

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

Formulation:

SFTPD protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.

Purity:

Greater than 80.0% 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:

MGSSHHHHHH SSGLVPRGSH MGSVASLRQQ VEALQGQVQH LQAAFSQQYKK VELFPNGQSV GEKIFKTAGF
VKPFTEAQLL CTQAGGQLAS PRSAAENAAL QQLVVAKNEA AFLSMTDSKT EGKFTYPTGE SLVYSNWAPG
EPNDDGGSED CVEIFTNGKW NDRACGEKRL VVCEF.