

## Surfactant Protein D Human Recombinant

<b>Item Number</b>	rAP-4180
<b>Synonyms</b>	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, Col
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	P35247
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSVASLRQQ VEALQGQVQH LQAAFSQYKK VELFPNGQSV GEKIFKTAGF VKPFTEAQLL CTQAGGQLAS PRSAAENAAL QQLVVAKNEA AFLSMTDSKT EGKFTYPTGE SLVYSNWAPG EPNDDGGSED CVEIFTNGKW NDRACGEKRL VVCEF.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	SFTPD protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea. Greater than 80.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**