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Datasheet for ABIN5853770

SFTPD Protein (AA 224-375) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	SFTPD
Protein Characteristics:	AA 224-375
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SFTPD protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MGSSHHHHHH SSSLVPRGSH MGSVASLRQQ VEALQGQVQH LQAAFSQQYKK VELFPNGQSV
GEKIFKTAGF VKPFTEAQLL CTQAGGQLAS PRSAAENAAL QQLVVAKNEA AFLSMTDSKT
EGKFTYPTGE SLVYSNWAPG EPNDDGGSED CVEIFTNGKW NDRACGEKRL VVCEF

Purity: > 80 % by SDS - PAGE

Target Details

Target:	SFTPD
Alternative Name:	SFTPD (SFTPD Products)
Background:	SFTPD, as known as Surfactant pulmonary-associated protein D, is a member of the collectin family of C-type lectins that is synthesized in many tissues including respiratory epithelial cells in the lung, and contains one C-type lectin domain and one collagen-like domain. It is humoral

Target Details

molecules of the innate immune system, and is considered a functional candidate in chronic periodontitis. Besides it is involved in the development of acute and chronic inflammation of the lung. Several human lung diseases are characterized by decreased levels of bronchoalveolar SFTPD. Recombinant human SFTPD protein, fused to His-tag at N-terminus, was expressed in E.coli

Molecular Weight: 18.9 kDa(175aa)

NCBI Accession: [NP_003010](#)

UniProt: [P35247](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

Handling

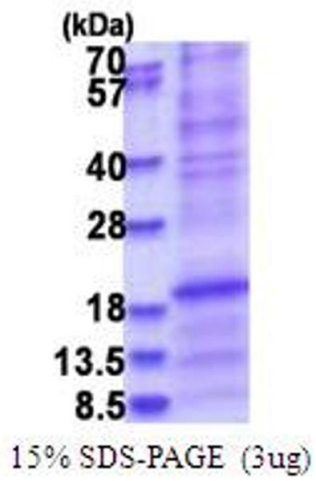
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol 0.4M urea

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.