

Datasheet for ABIN1621654  
**SFTPD Protein (AA 22-375) (His tag)**



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## Overview

Quantity: 1 mg

Target: SFTPD

Protein Characteristics: AA 22-375

Origin: Rhesus Monkey

Source: Yeast

Protein Type: Recombinant

Purification tag / Conjugate: This SFTPD protein is labelled with His tag.

Application: ELISA

## Product Details

Sequence: DMKTYSQRT APSACTLVMC SSVESGLPGR DGRDGREGPR GEKGDPLPG AAGKAGMPGE  
AGPVGPKGDN GSIGEPGPKG DTGPGPPGP PGVPGPAGRE GPLGKQGNIG PQGKPGPKGE  
AGPKGEVGAP GMQGSAGARG PAGPKGDRGV PGERGAPGNA GAAGSAGVMG PQGSPGARGP  
PGLKGDKGVP GDKGAKGESG LPDVASLRQQ VEALQKQVQH LQAQFSQYKK VELFPNGQSV  
GEKIFKTAGF VKPFTEAQLV CTQAGGQLAS PRSAAENAAL QQLVIAQNEA AFLSMTDSKM  
EGKFTYPTGE SLVYSNWAPG EPNDDGGSED CVEIFTNGKW NDRACGEKRL VVCEF

Specificity: Macaca mulatta (Rhesus macaque)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

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Target:	SFTPD
Alternative Name:	Pulmonary surfactant-associated protein D (SFTPD) ( <a href="#">SFTPD Products</a> )
Background:	Recommended name: Pulmonary surfactant-associated protein D. Short name= PSP-D. Short name= SP-D. Alternative name(s): Lung surfactant protein D
UniProt:	<a href="#">Q1PBC5</a>

## Application Details

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Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.