# abcam

## Product datasheet

# Recombinant Human Surfactant protein D/SP-D (denatured) ab181961

1 References 1 图像

描述

产品名称 重组人Surfactant蛋白D/SP-D (denatured)

**纯度** > 85 % SDS-PAGE.

表达系统 Escherichia coli

Accession P35247

**蛋白长度** Protein fragment

无动物成分 No

性质 Recombinant

种属 Human

序列 VASLRQQ VEALQGQVQH LQAAFSQYKK VELFPNGQSV

GEKIFKTAGF VKPFTEAQLL CTQAGGQLAS PRSAAENAAL QQLVVAKNEA AFLSMTDSKT EGKFTYPTGE SLVYSNWAPG EPNDDGGSED

CVEIFTNGKW NDRACGEKRL VVCEF

预**测分子量** 19 kDa including tags

**氨基酸** 224 to 375

标签 His tag N-Terminus

额**外的序列信息** NP\_003010

技术指标

Our Abpromise guarantee covers the use of ab181961 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 SDS-PAGE

形式 Liquid

**补充说明** Previously labelled as Surfactant protein D.

制备和贮存

#### 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCI, 10% Glycerol (glycerin, glycerine), 2.4% Urea

#### 常规信息

功能 Contributes to the lung's defense against inhaled microorganisms. May participate in the

extracellular reorganization or turnover of pulmonary surfactant. Binds strongly maltose residues

and to a lesser extent other alpha-glucosyl moieties.

序列相似性 Belongs to the SFTPD family.

Contains 1 C-type lectin domain. Contains 1 collagen-like domain.

翻译后修饰 The N-terminus is blocked.

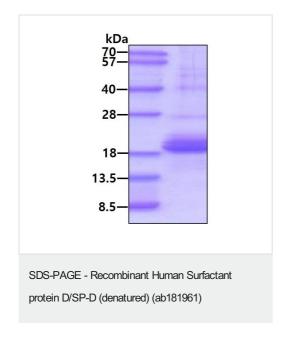
Hydroxylation on proline residues within the sequence motif, GXPG, is most likely to be 4-hydroxy

as this fits the requirement for 4-hydroxylation in vertebrates.

细胞定位 Secreted > extracellular space > extracellular matrix. Secreted > extracellular space > surface

film.

#### 图片



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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