

Recombinant Rat Sftpd protein, His-tagged

Cat. No. Sftpd-5768R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sftpd aa. (Ala20~Phe374 (Accession # P35248)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala20~Phe374
Description	Binds carbohydrates; may play a role in defense response in the lung.
Form	Freeze-dried powder
Molecular Mass	14&44kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.05% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Sftpd surfactant protein D [*Rattus norvegicus* (Norway rat)]

Official Symbol

Sftpd

Synonyms

Sftpd; surfactant protein D; SPD; SP-D; pulmonary surfactant-associated protein D; CP4; PSP-D; lung surfactant protein D; pulmonary surfactant protein D; surfactant associated protein D; surfactant, pulmonary-associated protein D

Gene ID

25350

mRNA Refseq

NM_012878.2

Protein Refseq

NP_037010.1

UniProt ID

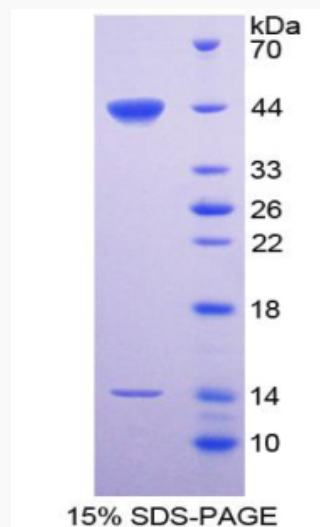
P35248

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA