



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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Product Number	OPCA05355
Product Page	<a href="http://www.avivasysbio.com/sftpa1-recombinant-protein-human-opca05355.html">www.avivasysbio.com/sftpa1-recombinant-protein-human-opca05355.html</a>
Name	SFTPA1 Recombinant Protein (Human) (OPCA05355)
Protein Size (# AA)	Recombinant amino acids
Molecular Weight	41.2 kDa
Tag	N-terminal 10xHis-B2M-tagged and C-terminal Myc-tagged
NCBI Gene Id	653509
Purity	Greater than 90% as determined by SDS-PAGE.
Source	E.coli
Gene Full Name	surfactant protein A1
Protein Range	21-248 aa
Alias Symbols	35 kDa pulmonary surfactant-associated protein;alveolar proteinosis protein;COLEC4;collectin-4;PSAP;PSPA;PSP-A;pulmonary surfactant-associated protein A1;SFTP1;SFTPA1B;SPA;SP-A;SPA1;SP-A1;S
Peptide Sequence	EVKDVCGVSGSPGIPGTPGSHGLPGRDGRDGLKGDPPGPPMGPPGEMPCPPGNDGLPGAPGIPGECGEKGEPPGERGPPGLPAHLDEELQATLHDFRHLQILQTRGALS LQGSIMTVGEKVFSSNGQSTI
Product Format	Liquid or Lyophilized powder
Reference	Isolation and characterization of the human pulmonary surfactant apoprotein gene. White R.T., Damm D., Miller J., Spratt K., Schilling J., Hawgood S., Benson B., Cordell B. Nature 317:361-363(1985)
Description of Target	In presence of calcium ions, it binds to surfactant phospholipids and contributes to lower the surface tension at the air-liquid interface in the alveoli of the mammalian lung and is essential for normal respiration. Enha
Reconstitution and Storage	-20°C or -80°C
Protein Sequence	EVKDVCGVSGSPGIPGTPGSHGLPGRDGRDGLKGDPPGPPMGPPGEMPCPPGNDGLPGAPGIPGECGEKGEPPGERGPPGLPAHLDEELQATLHDFRHLQILQTRGALS LQGSIMTVGEKVFSSNGQSTI
Datasheets/Manuals	Printable datasheet for <a href="#">SFTPA1 Recombinant Protein (Human) (OPCA05355) (OPCA05355)</a>
Additional Information	<b>Species Specificity Detail:</b> Homo sapiens(Human)
Formulation	Tris-base, 50% glycerol
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose
Uniprot ID	<a href="#">Q8IWL2</a>
Protein Name	Pulmonary surfactant-associated protein A1
Protein Accession #	<a href="#">NP_001087239</a>
Nucleotide Accession #	<a href="#">NM_001093770</a>
Gene Symbol	<a href="#">SFTPA1</a>
Predicted Species Reactivity	Homo sapiens Human
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.  
Optimal conditions of its use should be determined by end users.