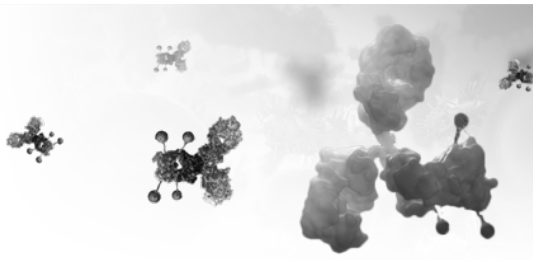

Human SFTPA1 blocking peptide (CDBP2789)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SPA1/SIPA1 antibody
Antigen Description	This gene encodes a lung surfactant protein that is a member of a subfamily of C-type lectins called collectins. The encoded protein binds specific carbohydrate moieties found on lipids and on the surface of microorganisms. This protein plays an essential role in surfactant homeostasis and in the defense against respiratory pathogens. Mutations in this gene are associated with idiopathic pulmonary fibrosis. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SFTPA1 surfactant protein A1 [Homo sapiens (human)]
Official Symbol	SFTPA1
Synonyms	SFTPA1; surfactant protein A1; SPA; PSAP; PSPA; SP-A; SPA1; PSP-A; SFTP1; SP-A1; COLEC4; SFTPA1B; pulmonary surfactant-associated protein A1; collectin-4; surfactant protein

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	A1B; alveolar proteinosis protein; surfactant protein A1 variant AD 6A; surfactant protein A1 variant ACD 6A; surfactant protein A1 variant AD 6A2; surfactant protein A1 variant AD 6A3; surfactant protein A1 variant AD 6A4; surfactant protein A1 variant ABD 6A; surfactant protein A1 variant ACD 6A2; surfactant protein A1 variant ACD 6A3; surfactant protein A1 variant ACD 6A4; surfactant protein A1 variant ABD 6A2; surfactant protein A1 variant ABD 6A3; surfactant protein A1 variant ABD 6A4; surfactant, pulmonary-associated protein A1A; surfactant, pulmonary-associated protein A1B; 35 kDa pulmonary surfactant-associated protein;
Entrez Gene ID	653509
mRNA Refseq	NM_001093770.2
Protein Refseq	NP_001087239.2
UniProt ID	Q8IWL2
Chromosome Location	10q22.3
Pathway	FOXA1 transcription factor network, organism-specific biosystem; Pertussis, organism-specific biosystem; Pertussis, conserved biosystem; Phagosome, organism-specific biosystem; Phagosome, conserved biosystem;
Function	carbohydrate binding; lipid transporter activity;

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