

Recombinant Full Length Human SFTPA2 Protein, GST-tagged

Cat. No. SFTPA2-691HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SFTPA2(1 a.a. - 248 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	248 amino acids
Description	This gene is one of several genes encoding pulmonary-surfactant associated proteins (SFTPA) located on chromosome 10. Mutations in this gene and a highly similar gene located nearby, which affect the highly conserved carbohydrate recognition domain, are associated with idiopathic pulmonary fibrosis. The current version of the assembly displays only a single centromeric SFTPA gene pair rather than the two gene pairs shown in the previous assembly which were thought to have resulted from a duplication.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	53.68 kDa
AA Sequence	MWLCPLALNL ILMAASGAAC EVKDVCVGSP GIPGTPGSHG LPGRDGRDGV KGDPPDPDP GPPGETPCPP GNNGLPAGP VPGERGEKGE AGERGPPGLP AHLDEELQAT LHDFRHQILQ TRGALSLQGS IMTVGEKVFS SNGQSITFDA IQEACARAGG RIAVPRNPPEE NEIASFVKK YNTYAYVGLT EGSPSGDFRY

 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

SDGTPVNYTN WYRGEPAGRG KEQCVEMYTD GQWNDNRNCLY SRLTICDF

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

SFTPA2 surfactant protein A2 [Homo sapiens]

Official Symbol

[SFTPA2](#)

Synonyms

PSAP; PSPA; SP-A; SPA2; PSP-A; SFTP1; SP-2A; SPAIL; COLEC5; SFTPA2B; SP-2A beta; SP-2A gamma; SP-A2 alpha; SP-A2 delta; alveolar proteinosis protein; collectin 5; surfactant, pulmonary-associated protein A2A

Gene ID

[729238](#)

mRNA Refseq

[NM_001098668](#)

Protein Refseq

[NP_001092138](#)

MIM

[178642](#)

UniProt ID

[Q8IWL1](#)

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