

Full-Length

SFTPA2 (Human) Recombinant Protein (P01)

Catalog # H00729238-P01

Size 50 ug

Specification

Product Description	Human SFTPA2 full-length ORF (BAG35996.1, 1 a.a. - 248 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MWLCPLALNLILMAASGAACEVKDVCVGSPGIPGTPGSHGLPGRDGRDGVKGDGPPDPMGP PGETPCPPGNGLPGAPGVPPERGEKGEAGERGPPGLPAHLDEELQATLHDFRHQILQTRGAL SLQGSIMTVGEKVFSSNGQSITFDAIQEACARAGGRIAVPRNPEENEAIASFVKKYNTYAYVGLTEG PSPGDFRYS DGTPVNYTNWYRGEPAGRGKEQC VEMYTDGQWDRNCLYSRLTICDF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	53.68
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — SFTPA2

Entrez GeneID	729238
GeneBank Accession#	AK313179.1
Protein Accession#	BAG35996.1
Gene Name	SFTPA2
Gene Alias	COLEC5, MGC189761, SP-A2, SPAII
Gene Description	surfactant protein A2
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000019932 surfactant, pulmonary-associated protein A2 surfactant, pulmonary-associated protein A2A

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Spondylarthritis](#)
- [Sudden Infant Death](#)
- [Urinary Tract Infections](#)