

Recombinant Human SFTPA2 protein, MYC/DDK-tagged

Cat. No. SFTPA2-13H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human SFTPA2 fused with MYC/DDK tag at C-terminal was expressed in HEK293.

Species Human

Source HEK293

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 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 26 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	SFTPA2 surfactant protein A2 [Homo sapiens]
Official Symbol	SFTPA2
Synonyms	PSAP; PSPA; SP-A; SPA2; PSP-A; SFTP1; SP-2A; SPAlI; 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
Chromosome Location	10q22.3
Pathway	ABC transporter disorders, organism-specific biosystem; Diseases associated with surfactant metabolism, organism-specific biosystem
Function	carbohydrate binding

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