

Recombinant Full Length Human Pulmonary Surfactant-Associated Protein A1(Sftpa1) Protein, His&Myc-Tagged

Cat. No. RFL6711HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Pulmonary surfactant-associated protein A1(SFTPA1) Protein (Q8IWL2) (21-248aa), fused to N-terminal 10xHis-B2M tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (21-248aa)
Form	Lyophilized powder
AA Sequence	EVKDVCVGSPGIPGTPGSHGLPGRDGRDGLKGDPGPPGPMGPPGEMPCPPGNDG LPGAPGIPGECGEKGEPGERGPPGLPAHLDEELQATLHDFRHQILQTRGALSLQGS MTVGEKVFSSNGQSITFDAIQEACARAGGRIAVPRNPEENEAIASFVKKYNTYAYVG LTEGPSPGDFRYSDGTPVNYTNWYRGEPAGRGKEQCVMYTDGQWNDNRNCLYS RLTICEF Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	SFTPA1
Synonyms	SFTPA1; COLEC4; PSAP; SFTP1; SFTPA; SFTPA1B; Pulmonary surfactant-associated protein A1; PSP-A; PSPA; SP-A; SP-A1; 35 kDa pulmonary surfactant-associated protein; Alveolar proteinosis protein; Collectin-4
UniProt ID	Q8IWL2