

Recombinant Human SFTP A1 protein, His-B2M & Myc-tagged

Cat. No. SFTP A1-2445H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SFTP A1 protein(Q8IWL2)(21-248aa), fused to N-terminal His-B2M tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-248aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	41.2 kDa
AA Sequence	EVKDV CVGSPGIPGTPGSHGLPGRDGRDGLKGDPGPPGPMGPPGEMPCPPGNDG LPGAPGIPGECGEKGEPGERGPPGLPAHLDEELQATLHDFRHQILQTRGALSLQGSI MTVG EKVFSSNGQSITFDAIQEACARAGGRIAVPRNPEENEAIASFVKKYNTYAYVG LTEGPSPGDFRYSDGTPVNYTNWYRGEPAGRGKEQCVEMYTDGQWNDNRNCLYS RLTICEF
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated

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freeze-thaw cycles.

Reconstitution

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 surfactant protein A1 \[Homo sapiens \]](#)

Official Symbol [SFTPA1](#)

Synonyms

SFTPA1; surfactant protein A1; SFTP1, surfactant, pulmonary associated protein A1; pulmonary surfactant-associated protein A1; COLEC4; SP A; SP A1; surfactant; pulmonary associated protein A1A; collectin-4; surfactant protein A1B; alveolar proteinosis protein; surfactant protein A1 variant AD 6A; surfactant protein A1 variant AD 6A2; surfactant protein A1 variant AD 6A3; surfactant protein A1 variant AD 6A4; 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; SPA; PSAP; PSPA; SP-A; SPA1; PSP-A; SFTP1; SP-A1; SFTPA1B; FLJ50593; FLJ51913; FLJ61144; FLJ77898; FLJ79095; FLJ99559; MGC133365; MGC198590;

Gene ID [653509](#)

mRNA Refseq [NM_001093770](#)

Protein Refseq [NP_001087239](#)

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MIM	178630
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UniProt ID	Q8IWL2
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