



Recombinant Human Pulmonary surfactant-associated protein A1 (SFTPA1)

Product Code	CSB-EP810281HU-B
Abbreviation	SFTPA1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8IWL2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	EVKDVCVVGSP GIPGTPGSHG LPGRDGRDGL KGDPGPPGPM GPPGEMPCPP GNDGLPGAPG IPGECGEKGE PGERGPPGLP AHLDEELQAT LHDFRHQILQ TRGALSLQGS IMTVGEKVS SNGQSITFDA IQEACARAGG RIAVPRNPEE NEIASFVKK YNTYAYVGLT EGPSPGDFRY SDGTPVNYTN WYRGEPAGRG KEQCVEMYTD GQWNRNCLY SRLTICEF
Source	E.coli
Target Names	SFTPA1
Protein Names	Recommended name: Pulmonary surfactant-associated protein A1 Short name= PSP-A Short name= PSPA Short name= SP-A Short name= SP-A1 Alternative name(s): 35 kDa pulmonary surfactant-associated protein Alveolar protein
Expression Region	21-248
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.