

Pulmonary Surfactant Associated Protein A1 (SFTPA1) Recombinant Protein | SFTPA1 recombinant protein

Recombinant Pulmonary Surfactant Associated Protein A1 (SFTPA1)

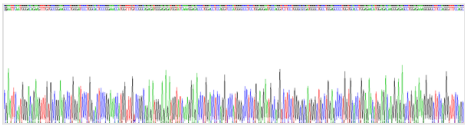
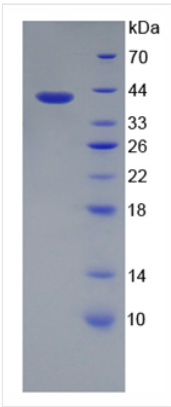
CATALOG # AAA152280	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Pulmonary Surfactant Associated Protein A1 (SFTPA1); Recombinant Pulmonary Surfactant Associated Protein A1 (SFTPA1); SFTPA1/Pulmonary Surfactant Associated Protein A1; PRL; SFTPA; PSAP; PSPA; SFTP; SPA; COLEC4; PSP-A; SFTP1; SFTPA1B; SP-A1; Collectin-4; Alveolar proteinosis protein; 35 kDa pulmonary surfactant-associated protein; Surfactant Associated Protein A; SFTPA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Asn21~Phe2 48
Applicable Applications for SFTPA1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Isoelectric Point	5.9
Tag	Two N-terminal Tags, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.



Gene Sequence
Gene Sequencing (extract

SDS-PAGE
SDS-PAGE

NGTEVCAGSP GIPGTPGNHG LPRDRGRDGI
KGDGPPPGPM GPPGGMPGLP GRDGLPGAPG APGEHGDKGE PGERGLPGFP
AYLDEELQTA SYEIKHQILQ TMGVLSLQGS MLSVGDKVFS TNGQSVNFDI
IREMCTRAGG HIAAPRNPEE NEAIASITKK YNTYPYLQVI EGQTPGDFHY
LDGASVNYTN WYPGEPRGRG KEKCVEMYTD GKWNDKGCLQ YRLAICEF

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for SFTPA1 recombinant protein	Infection immunity; Pulmonology; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	464483
NCBI GeneID	20387
UniProt Accession #	P35242
NCBI Official Full Name	Pulmonary surfactant-associated protein A
NCBI Official Synonym Full Names	surfactant associated protein A1
NCBI Official Symbol	Sftpa1
NCBI Official Synonym Symbols	SP-A; Sftp1; Sftp-1
NCBI Protein Information	pulmonary surfactant-associated protein A; PSAP; PSP-A; surfactant pulmonary associated protein A1
UniProt Protein Name	Pulmonary surfactant-associated protein A
UniProt Gene Name	Sftpa1
UniProt Synonym Gene Names	Sftp-1; Sftp1; Sftpa; PSAP; PSP-A; SP-A
UniProt Entry Name	SFTPA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.