

Pulmonary surfactant-associated protein C Recombinant Protein | SFTPC recombinant protein

Recombinant Bovine Pulmonary surfactant-associated protein C

CATALOG # AAA18525	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Pulmonary surfactant-associated protein C; Recombinant Bovine Pulmonary surfactant-associated protein C; Pulmonary surfactant-associated proteolipid SPL(Val); SFTPC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	25-58aa; Full Length
Sequence	LIPCCPVNIK RLLIVVVVVV LVVVVIVGAL LMGL
Sequence Length	190
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SFTPC recombinant protein	Pulmonary surfactant associated proteins promote alveolar stability by lowering the surface tension at the air-liquid interface in the peripheral air spaces.
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References	cDNA cloning of bovine (Belgian White and Blue breed) pulmonary surfactant-associated protein C.Danlois F., Vandenbussche G., Ruyschaert J.-M. NIH - Mammalian Gene Collection (MGC) project Hydrophobic 3.7 kDa surfactant polypeptide structural characterization of the human and bovine forms.Johansson J., Joernvall H., Eklund A., Christensen N., Robertson B., Curstedt T.FEBS Lett. 232:61-64(1988) Protein sequence analysis studies on the low molecular weight hydrophobic proteins associated with bovine pulmonary surfactant.Olafson R.W., Rink U., Kielland S., Yu S.-H., Chung J., Harding P.G.R., Possmayer F.Biochem. Biophys. Res. Commun. 148:1406-1411(1987) Characterization of the small hydrophobic proteins associated with pulmonary surfactant.Yu S.-H., Chung W., Olafson R.W., Harding P.G.R., Possmayer F.Biochim. Biophys. Acta 921:437-448(1987) Lung surfactant protein SP-C from human, bovine, and canine sources contains palmityl cysteine thioester linkages.Stults J.T., Griffin P.R., Lesikar D.D., Naidu A., Moffat B., Benson B.J.Am. J. Physiol. 261:L118-L125(1991)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27806143
NCBI GeneID	282071
NCBI Accession #	NP_776887.1
NCBI GenBank Nucleotide #	NM_174462.4
UniProt Accession #	P15783; P15784; Q9BDX5; A4FV06
Molecular Weight	33.6
NCBI Official Full Name	pulmonary surfactant-associated protein C
NCBI Official Symbol	SFTPC
NCBI Protein Information	pulmonary surfactant-associated protein C
UniProt Protein Name	Pulmonary surfactant-associated protein C
UniProt Gene Name	SFTPC
UniProt Synonym Gene Names	SFTP2; SP-C
UniProt Entry Name	PSPC_BOVIN

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.