

Pulmonary surfactant-associated protein B

Catalog No: #AP79146



Package Size: #AP79146-1 50ug #AP79146-2 100ug #AP79146-3 1mg

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Description

Product Name	Pulmonary surfactant-associated protein B
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	KSRQPEPEQEPGMSDPLPKPLC
Other Names	SFTP3, 18 kDa pulmonary-surfactant protein, 6 kDa protein, Pulmonary surfactant-associated proteolipid SPL(Phe)
Accession No.	P07988 Gene name: SFTPB
Uniprot	P07988
GeneID	6439;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (pH 8.0)
Storage	Store at -20°C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Pulmonary surfactant-associated proteins promote alveolar stability by lowering the surface tension at the air-liquid interface in the peripheral air spaces. SP-B increases the collapse pressure of palmitic acid to nearly 70 millinewtons per meter.

References

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Note: This product is for in vitro research use only