

Recombinant Human Pulmonary surfactant-associated protein B(SFTPB)

Catalog Number: RPC24945

Product Name	Recombinant Human Pulmonary surfactant-associated protein B(SFTPB)
Catalog Number	RPC24945
Expression host	<i>Yeast</i>
Product Info	Tag-Free
Buffer	Tris-HCl, 50% glycerol , pH 8.0
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Relevance	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.
AA sequence	FPIPLPYCWLCRALIKRIQAMIPK GALAVAVAQVCRV VPLVAGGICQCLAERYSVI LLDTLLGRMLPQLVCRLVLRCSM
References	"Isolation of a cDNA clone encoding a high molecular weight precursor to a 6-kDa pulmonary surfactant-associated protein." Jacobs K.A., Phelps D.S., Steinbrink R., Fisch J., Kriz R., Mitsock L., Dougherty J.P., Taesch H.W., Floros J. J. Biol. Chem. 262:9808-9811(1987)