

Datasheet for ABIN5855095

SERPINA5 Protein (AA 20-406) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	SERPINA5
Protein Characteristics:	AA 20-406
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPEMKTYSH RTMPSACTLV MCSSVESGLP GRDGRDGREG PRGEKGDPLG PGAAGQAGMP GQAGPVGPKG DNGSVGEPPG KGDTPSGPP GPPGVPGPAG REGPLGKQGN IGPQGKPGPK GEAGPKGEVG APGMQGSAGA RGLAGPKGER GVPGERGVPG NTGAAGSAGA MGPQGSPGAR GPPGLKGDKG IPGDKGAKGE SGLPDVASLR QQVEALQGQV QHLQAAFSQY KKVELFPNGQ SVGEKIFKTA GFVKPFTEAQ LLCTQAGGQL ASPRSAAENA ALQQLVVAKN EAAFLSMTDS KTEGKFTYPT GESLVYSNWA PGEPNDDGGS EDCVEIFTNG KWNDRACGEK RLVVCEFHHS HHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	SERPINA5
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Target Details

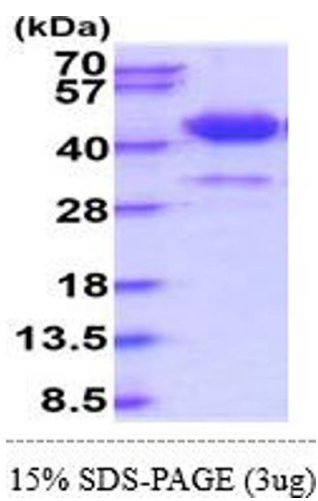
Alternative Name:	Serpin A5 (SERPINA5 Products)
Background:	SFTPD, also known as pulmonary surfactant-associated protein D, is a member of the collectin family of innate immune modulators. It contributes to the lung's defense against inhaled microorganisms, organic antigens and toxins. This protein interacts with compounds such as bacterial lipopolysaccharides, oligosaccharides and fatty acids and modulates leukocyte action in immune response. Recombinant human SFTPD protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	36.5kDa (363aa) 40-57KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_003010
UniProt:	P35247

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Bioactivity Validated
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.