

Datasheet for ABIN6387915
SERPINA9 Protein (AA 26-418) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	SERPINA9
Protein Characteristics:	AA 26-418
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA9 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	NPYNQESSHL PSMKKNPASQ VSPNTRFSF LLYQRLAQEN PGQNILFSPV SISTSLAMLS LGARSATKTQ ILRTLGFNFT WVSEPTIHMG FEYLVRSLNK CHQGRELRMG SVLFIRKELQ LQATFLDRVK KLYGAKVFSE DFSNAATAQA QINSYVEKET KGKVVVDVIQD LDSQTAMVLV NHIFFKANWT QPFSTANTNK SFPFLLSKGT TVHVPMMHQT ESFAFGVDKE LGCSILQMDY RGDAVAFFVL PGKGKMRQLE KLSARRLRK WSRSLQKRWI KVFIPKFSIS ASYNLETILP KMGIRDAFNS NADFGITKT HFLQVSKAAH KAVLDVSEEG TEAAAATTTK LIVRSRDTPS SIIAFKEPFL ILLLDKNTES VLFLGKVENP RKMLEHHHHH H
Purity:	> 85 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

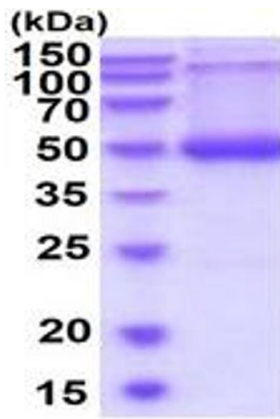
Target:	SERPINA9
Alternative Name:	Serpina9 (SERPINA9 Products)
Background:	Serpina9, also known as serpin A9, is a member of the Serpin superfamily of serine protease inhibitors. Serpins are the most broadly distributed superfamily of protease inhibitors that use a conformational change to inhibit target enzymes. They are known to inhibit serine proteases and some are known to inhibit caspases and papain-like cysteine proteases. Serpins are conformational labile and many of the disease-linked mutations of serpins result in misfolding or in pathogenic, inactive polymers. This protein shows inhibition towards trypsin, thrombin, and plasmin and binds DNA and heparin. Recombinant mouse Serpina9, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	45.2kDa (401aa) 50-70KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_082273
UniProt:	Q9D7D2

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.