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Datasheet for ABIN1666719
SERPINA3N Protein (AA 30-418) (His tag)

Overview

Quantity:	1 mg
Target:	SERPINA3N
Protein Characteristics:	AA 30-418
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA3N protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	T LFHEDQDKGT QLDSLTLASI NTDFAFSLYK KLALRNPDKN VVFSPLSISA ALAVVSLGAK GNSMEEILEG LKFNLTTETPE TEIHRGFGHL LQRLSQPRDE IQISTGNALF IEKRLQVLAE FQEKAKALYQ AEAFTADFQQ SREAKKLIND YVSKQTQGKI QGLITNLAKK TSMVLVNYIY FKWKVVPFD PRDTFQSEFY SGKRRPVKVP MMKLEDLTPP YVRDEELNCT VVELKYTGNA SALFILPDQG KMQQVEASLQ PETLRRWKDS LRPSMIDELY LPKFSISADY NLEDVLPDLG IKEVFSTQAD LSGITGDKDL MVSQVVKAV LDVAETGTEA AAATGVKFVP MSAKLDPLII AFDRPFLMII SDTETAIAPF LAKIFNPK
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	SERPINA3N
Alternative Name:	Serine protease inhibitor A3N (Serpina3n) (SERPINA3N Products)
Background:	Recommended name: Serine protease inhibitor A3N. Short name= Serpin A3N. Alternative name(s): CPI-26 Contrapsin-like protease inhibitor 6 SPI-2.2 Serine protease inhibitor 3. Short name= SPI-3
UniProt:	P09006

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.