Datasheet for ABIN7586127

SERPINH1 Protein (AA 18-417) (His tag)

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Overview

Quantity:	100 µg
Target:	SERPINH1
Protein Characteristics:	AA 18-417
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINH1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AEV KKPVEAAAPG TAEKLSSKAT TLAERSTGLA FSLYQAMAKD QAVENILLSP LVVASSLGLV SLGGKATTAS QAKAVLSAEK LRDEEVHTGL GELVRSLSNS TARNVTWKLG SRLYGPSSVS FADDFVRSSK QHYNCEHSKI NFRDKRSALQ SINEWASQTT DGKLPEVTKD VERTDGALLV NAMFFKPHWD EKFHHKMVDN RGFMVTRSYT VGVTMMHRTG LYNYYDDEKE KLQLVEMPLA HKLSSLIILM PHHVEPLERL EKLLTKEQLK TWMGKMQKKA VAISLPKGVV EVTHDLQKHL AGLGLTEAID KNKADLSRMS GKKDLYLASV FHATAFEWDT EGNPFDQDIY GREELRSPKL FYADHPFIFL VRDNQSGSLL FIGRLVRPKG DKMRDEL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	SERPINH1
Alternative Name:	Serpin H1 (Serpinh1) (SERPINH1 Products)
Target Type:	Viral Protein
Background:	Recommended name: Serpin H1. Alternative name(s): 47 kDa heat shock protein Collagen-binding protein. Short name= Colligin GP46
UniProt:	P29457

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 modificated 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.
Restrictions:	For Research Use only

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.