Datasheet for ABIN7587381

SERPINA3K Protein (AA 21-416) (His tag)

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Overview

Quantity:	100 µg
Target:	SERPINA3K
Protein Characteristics:	AA 21-416
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA3K protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	DGILGRDTLP HEDQGKGRQL HSLTLASINT DFTLSLYKKL ALRNPDKNVV FSPLSISAAL AILSLGAKDS TMEEILEVLK FNLTEITEEE IHQGFGHLLQ RLSQPEDQAE INTGSALFID KEQPILSEFQ EKTRALYQAE AFVADFKQCN EAKKFINDYV SNQTQGKIAE LFSELDERTS MVLVNYLLFK GKWKVPFNPN DTFESEFYLD EKRSVKVPMM KIKDLTTPYI RDEELSCSVL ELKYTGNASA LFILPDQGKM QQVESSLQPE TLKKWKDSLR PRIISELRMP KFSISTDYNL EEVLPELGIR KIFSQQADLS RITGTKNLHV SQVVHKAVLD VDETGTEGAA ATAVTAALKS LPQTIPLLNF NRPFMLVITD NNGQSVFFMG KVTNPM
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:	SERPINA3K
Alternative Name:	Serine protease inhibitor A3K (Serpina3k) (SERPINA3K Products)
Background:	Recommended name: Serine protease inhibitor A3K. Short name= Serpin A3K. Alternative name(s): CPI-21 Contrapsin-like protease inhibitor 1 GHR-P63 Growth hormone-regulated proteinase inhibitor Kallikrein-binding protein. Short name= KBP SPI-2.3 Serine protease inhibitor 2. Short name= SPI-2 Thyroid hormone-regulated protein
UniProt:	P05545

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.