Datasheet for ABIN7587297

Serine Protease Inhibitor (LOC299282) (AA 29-413) protein (His tag)

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Overview

Quantity:	100 µg
Target:	Serine Protease Inhibitor (LOC299282)
Protein Characteristics:	AA 29-413
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	LS HEDHGKGRQL HSLTLASSNT DFALSLYKKL ALRNPDKNVV FSPLSISAAL TILSLGAKDS TMEEILEGLK FNLTEITEEE IHQGFGHLLQ RLSQPEDQVE INTGSALFID KEQPILSEFQ EKTRALYQAE AFIADFKQPN EAKKLINDYV SNQTQGKIAE LFSDLEERTS MVLVNYLLFK GKWKVPFNPN DTFESEFYLD EKRSVKVPMM KIKEVTTPYV RDEELSCSVL ELKYTGNASA LFILPDQGKM QQVESSLQPE TLKKWKDSLI PRIINDLRMP KFSISTDYSL KEVLPELGIK KVFSQQADLS RITGTKDLYV SQVVHKAVLD VDETGTEATA ATGVATVIRR QPRTLNFNRP FMVVITDMDS QSILFVAKIT NPK
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:	Serine Protease Inhibitor (LOC299282)
Alternative Name:	Serine protease inhibitor A3L (Serpina3l) (LOC299282 Products)
Background:	Recommended name: Serine protease inhibitor A3L. Short name= Serpin A3L. Alternative name(s): CPI-23 Contrapsin-like protease inhibitor 3 Serine protease inhibitor 1. Short name= SPI-1
UniProt:	P05544

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.