Datasheet for ABIN1472327

PAI1 Protein (AA 24-402) (His tag)

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Overview

Quantity:	1 mg
Target:	PAI1 (SERPINE1)
Protein Characteristics:	AA 24-402
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAI1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SSHHQSL AARLATDFGV KVFRQVVQAS KDRNVVFSPY GVASVLAMLQ LTTAGDTQQQ IQEAMQFKIE EKGMAPALRQ LYKELMGPWN KDEISTADAI FVQRDLKLVQ GFMPYFFRLF RTTVKQVDFS EMDRARFIIN DWVKRHTKGM INDLLGQGAV DQLTRLVLVN ALYFNGQWKT PFPEKSTHHR LFHKSDGSTV SVPMMAQTNK FNYTEFSTPD GHYYDILELP YHGNTLSMFI AAPYEKEVPL SALTSILDAQ LISQWKGNMT RLTRLLVLPK FSLESEVDLR RPLENLGMTD MFRPNQADFS SLSDQELLYM SQALQKVKIE VNESGTVASS STAIIVSARM APEEIIMDRP FLFVVRHNPT GTVLFMGQVM EP
Specificity:	Sus scrofa (Pig)
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:	PAI1 (SERPINE1)
Abstract:	SERPINE1 Products
Background:	Recommended name: Plasminogen activator inhibitor 1. Short name= PAI. Short name= PAI-1. Alternative name(s): Endothelial plasminogen activator inhibitor Serpin E1
UniProt:	P79335
Pathways:	p53 Signaling, Cellular Response to Molecule of Bacterial Origin, Carbohydrate Homeostasis, Autophagy, Smooth Muscle Cell Migration

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.