

Datasheet for ABIN7586123

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



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Overview

Quantity:	100 µg
Target:	PAI1 (SERPINE1)
Protein Characteristics:	AA 24-402
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAI1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SPLPESH TAQQATNFGV KVFQHVVQAS KDRNVVFSKY GVSSVLAMLQ LTTAGKTRQQ IQDAMGFNIS ERGTAPALRK LSKELMGSWN KNEISTADAI FVQRDLELVQ GFMPHFFKLF RTTVKQVDFS EVERARFIIN DWVERHTKGM ISDLLAKGAV NELTRLVLVN ALYFNGQWKT PFLEASTHQR LFHKSDGSTI SVPMMQAQNNK FNYTEFTTPD GHEYDILELP YHGETLSMFI AAPFEKDVPL SAITNILDAE LIRQWKSNTM RLPRLLILPK FSLETEVDLR GPLEKLGMTD IFSSTQADFT SLSDQEQLSV AQALQKVIE VNESGTVASS STAILVSARM APTEMLVLDNR FLFVVRHNPT ETILFMGQLM EP
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:	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:	P20961
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 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.
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.