

Datasheet for ABIN7589853

PDIA5 Protein (AA 22-517) (His tag)



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Overview

Quantity:	100 µg
Target:	PDIA5
Protein Characteristics:	AA 22-517
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDIA5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	TKVSSLIER ISDPKDLKKL LRTRNNVLVL YSESEVAAES HLKLLSTVAQ AVKGQGTICW VDCGDAESRK LCKKMKVDLS PKDKKIELFH YQDGAFHMQY DRAVTLKSIV AFLKDPKGPP LWEEDPGAKD VVHIDSEKDF RRLKKEEKP LLMMFYAPWC SMCKRIMPHF QKAATQVRGH TVLAGMNVYP PEFENIKEEY NVRGYPTICY FEKGRFLFQY ENYGSTAEDI VEWLKNPQPP QPQVPETPWA DEGGSVYHLT DEDFDQFVKE HSSVLVMFHA PWCGHCKKMK PEFESAAEVL HGDAESSGVL AAVDATINEA LAERFHISAF PTLKYFKNGE QQAVPALRTK KKFIEWMQNP EAPPPPEPTW EEQQTSVLHL VGDNFRETLL KKKHTLVMFY APWCPHCKKV IPHFTATADA FKDDRKIACA AVDCVKDKNQ DLCQQESVKA YPTFHYYHYG KLVEKYESDR TELGFTSFIR TLREGDLKRL EKRREDL
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.

Product Details

Purity: > 90 %

Target Details

Target: PDIA5

Alternative Name: Protein disulfide-isomerase A5 (Pdia5) ([PDIA5 Products](#))

Background: Recommended name: Protein disulfide-isomerase A5.
EC= 5.3.4.1

UniProt: [Q5I0H9](#)

Pathways: [Maintenance of Protein Location](#), [Cell Redox](#)[Homeostasis](#)

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.