Datasheet for ABIN1630179

PDIA3 Protein (AA 25-505) (His tag)

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Overview

Quantity:	1 mg
Target:	PDIA3
Protein Characteristics:	AA 25-505
Origin:	Green Monkey
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDIA3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SDVLEL TDDNFESRVS DTGSAGLMLV EFFAPWCGHC KRLAPEYEAA ATRLKGIVPL AKVDCTANTN TCNKYGVSGY PTLKIFRDGE EAGAYDGPRT ADGIVSHLKK QAGPASVPLR TEEEFKKFIS DKDASVVGFF DDLFSEAHSE FLKAASNLRD NYRFAHTNVK SLVNEYDDNG EGIILFRPSH LTNKFEDKTV AYTEQKMTSG KIKKFIQENI FGICPHMTED NKDLIQGKDL LIAYYDVDYE KNAKGSNYWR NRVMMVAKKF LDAGHKLNFA VASRKTFSHE LSDFGLESTA GEIPVVAIRT AKGEKFVMQE EFSRDGKALE RFLQDYFDGN LKRYLKSEPI PESNDGPVKV VVAENFDEIV NNENKDVLIE FYAPWCGHCK NLEPKYKELG EKLSKDPNIV IAKMDATAND VPSPYEVRGF PTIYFSPANK KLNPKKYEGG RELSDFISYL QREATNPPVI QEEKPKKKKK AQEDL
Specificity:	Chlorocebus aethiops (Green monkey) (Cercopithecus aethiops)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	PDIA3
Alternative Name:	Protein disulfide-isomerase A3 (PDIA3) (PDIA3 Products)
Background:	Recommended name: Protein disulfide-isomerase A3. EC= 5.3.4.1. Alternative name(s): Endoplasmic reticulum resident protein 57. Short name= ER protein 57. Short name= ERp57 Endoplasmic reticulum resident protein 60. Short name= ER protein 60. Short name= ERp60
UniProt:	Q4VIT4
Pathways:	Maintenance of Protein Location, Protein targeting to Nucleus, Cell RedoxHomeostasis

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

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.