

Datasheet for ABIN1633853

PDIA6 Protein (AA 20-440) (His tag)



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Overview

Quantity:	1 mg
Target:	PDIA6
Protein Characteristics:	AA 20-440
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDIA6 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>L YSSSDDVIEL TPSNFNREVI QSDSLWLVEF YAPWCGHCQR LTP EWKKAAT ALKD VVKVGA</p> <p>VDADKHHS LG GQYGVQG FPT IKIFGSNKNR PEDYQGGRTG EAIVDAALSA LRQLVKDRLG</p> <p>GQSGGYSSGK QGRSDSSSKK DVIELTDDSF DKNVLDSE DV WMVEFYAPWC GHCKNLEPEW</p> <p>AAAASEVKEQ TKGKVKLA AV DATVNQVLAS RYGIRGFPTI KIFQKGESPV DYDGGRTRSD</p> <p>IVSRALDLFS DNAPPPELLE IISEDIAKRT CEEHQLCVVS VLP HILDTGA AGRNSYLEVL</p> <p>LKLADKYKKK MWGWLWTEAG AQSELETALG IGGFGYPAMA AINARKMKFA LLKGSFSEQG</p> <p>INEFLRELSF GRGSTAPVGG GAFPTIVERE PWDGRDGELP VEDDIDLS DV ELDDL GKDEL</p>
Specificity:	Pongo abelii (Sumatran orangutan)
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:	PDIA6
Alternative Name:	Protein disulfide-isomerase A6 (PDIA6) (PDIA6 Products)
Background:	Recommended name: Protein disulfide-isomerase A6. EC= 5.3.4.1
UniProt:	Q5R6T1
Pathways:	ER-Nucleus Signaling , 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 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.