

Datasheet for ABIN1636555  
**PDIA3 Protein (AA 25-505) (His tag)**



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## Overview

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

## Product Details

Sequence:	SDVVEL SDADFESGLA ERPGLVLVEF FAPWCGHCKR LAPEYEAAT RLKGIVPLVK VDCTANSNTC NKYGVSGYPT LKIFRDGEES GTYDGPRTAD GIVSHLKKQA GPASVALSSV ADFEKFIGDK DASVVGFFRD ASGDAYSEFM KAANNLRDNY RFAHTSEEQL VQKYEEDGEG VVL YRPSRLA NK FEDSTVKY TEDKITS AKI KKFIQENIFG ICPHMTEDNK DLIQ GKDLLV A YYDV DYEKN AKGSNYWRNR VM MIAKKFLD AGHKLSFAVA SRKTFGHELS EFGLDNSVGE APVVAIRTAK GDKFVMQEEF SRDGKALERF LQDYFDGNLK KYLKSEPVPE NNDGPVKVVV AENFDEIVNA EDKDV LIEFY APWCGHCKNL EPKYKELGEK LSKDPNIVIA KMDATANDVP SPYEV RGFP T IYFAPAGKKQ SPKKYEGGRE VSDFISYLKR EATSTPVLQE EDKAKKSKKK AKEDL
Specificity:	Gallus gallus (Chicken)
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

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Purity: > 90 %

## Target Details

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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 Glucose-regulated thiol oxidoreductase 58 kDa protein

UniProt: [Q8JG64](#)

Pathways: [Maintenance of Protein Location](#), [Protein targeting to Nucleus](#), [Cell RedoxHomeostasis](#)

## Application Details

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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

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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

## Handling

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.