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Datasheet for ABIN1676335  
**PDXY Protein (AA 1-283) (His tag)**

### Overview

Quantity:	1 mg
Target:	PDXY
Protein Characteristics:	AA 1-283
Origin:	Corynebacterium diphtheriae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDXY protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MNILSIQSHV SYGHVGN SAA VFPLQRIGHE VWPVHTVNFS NHTGYGQWGG ELIPAAQVRN VIDGMEQRGA FERIDAILSG YQGGSDIADV IVDAVARIKE ANPQAVYACD PVMGNAKSGC FVSDLIPPLL RDKVVPVADI ITPNQFELEY LTGVP AHDTT STLEAIAAAQ EMGPNTVLVT SVRRPETPAD AIEMIAANEQ GAWLVRTPFI DFKRNGSGDV TAALFTGHYI RERDAADALA RTASSVFDLI ETTFTADSRE LLIIESQEAI AHPRLQFEVE QIA
Specificity:	Corynebacterium diphtheriae
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

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Target:	PDEXY
Abstract:	<a href="#">PDEXY Products</a>
Background:	Recommended name: Pyridoxamine kinase. Short name= PM kinase. EC= 2.7.1.35
UniProt:	<a href="#">Q6NG19</a>

## Application Details

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