

Datasheet for ABIN1645923

## PCYOX1 Protein (AA 29-504) (His tag)



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### Overview

Quantity:	1 mg
Target:	PCYOX1
Protein Characteristics:	AA 29-504
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCYOX1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	EP RAPPEKIAIV GAGIGGTSSA YYLRKKFGKD VKIDVFEREE IGGRLATLKV QGHDIYEAGGS VIHPLNLHMK RFVKELGLSS VPASGGLVGV YNGKSLVFEE SSWFIINVIK LVWRYGFQSL RMHMMWVEDLL DKFMRIYRYQ SHDYAFSSVE KLMYAIGGDD YVRLLNQTLR ENLKKAGFSE TFLNEMIAPV MKVNFGQSTD LNAFVGAVSM TAADSNLWAV EGGNKVVCSG LLQASNSNLI SGSVMSIEKT RTKQTGTPPK MYEVVYKTGS EIHSDFYDIV LVAAPLNRKM SNITFRNFDP PIEEFNDPYQ QLVTTLIKGE LNSTLFSSRH KDQFGLSAIL VTDDSDMFIN SLSIVASVSH KEGPPPAVDG MHVWKTFSDK ILTKEQISKL FLSYDYAVRK PWLSYPYYPN PQKCPSIILH DRLYYLNIE FAASCMEMSA IAGYNAALLA YHRWNGNEDM IDQDDLYEKL KTEL
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: PCYOX1

Alternative Name: Prenylcysteine oxidase (Pcyox1) ([PCYOX1 Products](#))

Background: Recommended name: Prenylcysteine oxidase.  
EC= 1.8.3.5.  
Alternative name(s): Chloride ion pump-associated 55 kDa protein

UniProt: [Q99ML5](#)

## 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.