Datasheet for ABIN1592933

PAOX Protein (AA 29-500) (His tag)

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Overview

Quantity:	1 mg
Target:	PAOX
Protein Characteristics:	AA 29-500
Origin:	Zea mays
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAOX protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AT VGPRVIVVGA GMSGISAAKR LSEAGITDLL ILEATDHIGG RMHKTNFAGI NVELGANWVE GVNGGKMNPI WPIVNSTLKL RNFRSDFDYL AQNVYKEDGG VYDEDYVQKR IELADSVEEM GEKLSATLHA SGRDDMSILA MQRLNEHQPN GPATPVDMVV DYYKFDYEFA EPPRVTSLQN TVPLATFSDF GDDVYFVADQ RGYEAVVYYL AGQYLKTDDK SGKIVDPRLQ LNKVVREIKY SPGGVTVKTE DNSVYSADYV MVSASLGVLQ SDLIQFKPKL PTWKVRAIYQ FDMAVYTKIF LKFPRKFWPE GKGREFFLYA SSRRGYYGVW QEFEKQYPDA NVLLVTVTDE ESRRIEQQSD EQTKAEIMQV LRKMFPGKDV PDATDILVPR WWSDRFYKGT FSNWPVGVNR YEYDQLRAPV GRVYFTGEHT SEHYNGYVHG AYLSGIDSAE ILINCAQKKM CKYHVQGKYD
Specificity:	Zea mays (Maize)
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:	PAOX
Alternative Name:	Polyamine oxidase (PAO) (PAOX Products)
Background:	Recommended name: Polyamine oxidase. EC= 1.5.3.14. EC= 1.5.3.15
UniProt:	O64411

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 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.