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Datasheet for ABIN7479363

## SMOX Protein (AA 1-555) (His tag)

### Overview

Quantity:	100 µg
Target:	SMOX
Protein Characteristics:	AA 1-555
Origin:	Mouse
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMOX protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MQSCESSGDS ADDPLSRGLR RRGQPRVVVI GAGLAGLAAA RALLEQGFTD VTVLEASSHI</p> <p>GGRVQSVRLG DTTFELGATW IHGSHGNPIY QLAEANGLLE ETTDGERSVG RISLYSKNGV</p> <p>ACYLTNRGCR IPKDVVEEFS DLYNEVYNMT QEFFRHGKPV NAESQNSVG VFTREKVRNRI</p> <p>RDDPDDTEAT KRLKLAMIQQ YLKVESCESS SHSIDEVSLS AFGEWTEIPG AHHIIPSGFM</p> <p>RVVELLAEGI PPHVIQLGKP VRCIHWDQAS AHPRGPEIEP RGEDHNDHT GEGGQSGENP</p> <p>QQGRWDEDEP WPVVVECEDC EVIPADHVIV TVSLGVLKRQ YTSFFRPCLP TEKVAIIHRL</p> <p>GIGTTDKIFL EFEEPFWGPE CNSLQFWED EAESCTLTYP PELWYRKICG FDLVYPPERY</p> <p>GHVLSGWICG EEALVMERCD DEAVAEICTE MLRQFTGNPN IPKPRRILRS AWGSNPYFRG</p> <p>SYSYTQVGSS GADVEKLAKP LPYTESSKTA PMQVLFSGEA THRKYYSTTH GALLSGQREA</p> <p>ARLIEMYRDL FQQGP</p>
Specificity:	Mus musculus (Mouse)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: SMOX

Abstract: [SMOX Products](#)

Background: Recommended name: Spermine oxidase.  
EC= 1.5.3.16.  
Alternative name(s): Polyamine oxidase 1.  
Short name= PAO-1.  
Short name= PAOh1

UniProt: [Q99K82](#)

## 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

## 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.