

Datasheet for ABIN1593047

## PAX2A Protein (AA 1-497) (His tag)



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### Overview

Quantity:	1 mg
Target:	PAX2A
Protein Characteristics:	AA 1-497
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAX2A protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MDMHCKADPF SAMHPGHGGV NQLGGVFVNG RLPDVVRQR IVELAHQGVR PCDISRQLRV SHGCVSKILG RYYETGSIKP GVIGGSKPKV ATPKVVDKIA EYKRQNPTMF AWEIRDRLLA EGICDNDTVP SVSSINRIIR TKVQQPFHPT PDGSGTPVGT PGHTLV PSTA SPPVSSASND PVGSYSINGI LGIPRSNGEK RKRDEGDSDG SGPNGDSQSS VESLRKHLRA DNFTQQQLEA LDRVFERPSY PDVFQTAEHI KSEQASEYSL PALTPGLDEV KSSLSASGNA DLGSNVSGPQ SYPVVTESFA SHLYVKQEPH EASLTPFTPS SLASSGLADI QPFQMALTVD ASTPTYSSFT HHGPHYGQFG SQPLIAGRDM SSTTLPGYPP HVPPTGQGSY PTSTLAGMVP GTNVSVHHSV QPVECCSCLS SSKPCLFHCR TGSGSEFSGN PYSH PQYTTY NEAWRFSNPA LLSSPYYYS A TSRGSAPPTA ATAYDRH
Specificity:	Xenopus laevis (African clawed frog)
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: PAX2A

Alternative Name: Paired box protein Pax-2-A (pax2-a) ([PAX2A Products](#))

Background: Recommended name: Paired box protein Pax-2-A.  
Short name= xPax-2a

UniProt: [O57685](#)

Pathways: [Carbohydrate Homeostasis](#), [Stem Cell Maintenance](#), [Tube Formation](#)

## 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

Storage: -20 °C

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