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## Datasheet for ABIN1511641 CYP26A1 Protein (AA 1-492) (His tag)

### Overview

Quantity:	1 mg
Target:	CYP26A1
Protein Characteristics:	AA 1-492
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP26A1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MDLYTLLTSA LCTLALPLLL LLTAAKLWEV YCLRRKDAAC ANPLPPGTMG LPFFGETLQM VLQRRRFLQV KRSQYGRIYK THLFGSPTVR VTGAENVRQI LMGEHKLVSF HWPASVRTIL GAGCLSNLHD NEHKYTKKVI AQAFSREALA NYVPQMEEVF RCSVNLWLQS GPCVLVYPAI KRMMFRIAMR LLLGCDPQRM DREQEETLLE AFEEMSRNLF SLPIDVPFSG LYRGLRARNL IHAQIEENIK EKLQREPDEH CKDALQLLID YSRRNGEPIN LQALKESATE LLFGGHGTTA SAATSLTSFL ALHKDVLEKV RKELETQGLL STKPEEKEL SIEVLQQLKY TSCVIKETLR LSPPVAGGFR VALKTFVLNG YQIPKGWNVY YSIADTHGEA DLFPDTPDFN PDRFLTPLPR DSSRFGFIPF GGGVRCCIGK EFAKILLKVF VVELCRNCDW ELLNGSPAMT TSPIICPVDN LPAKFKPFSS SI
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

Purity: > 90 %

## Target Details

Target: CYP26A1

Alternative Name: Cytochrome P450 26A1 (cyp26a1) ([CYP26A1 Products](#))

Background: Recommended name: Cytochrome P450 26A1.  
EC= 1.14.-.-.  
Alternative name(s): Retinoic acid-converting enzyme.  
Short name= RACE Retinoic acid-degrading enzyme CYP26.  
Short name= xCYP26

UniProt: [O93323](#)

Pathways: [Retinoic Acid Receptor Signaling Pathway](#), [Monocarboxylic Acid Catabolic Process](#)

## 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.