

[Go to Product page](#)

Datasheet for ABIN1473431

**CYP8B1 Protein (AA 2-500) (His tag)**

## Overview

Quantity:	1 mg
Target:	CYP8B1
Protein Characteristics:	AA 2-500
Origin:	Rabbit
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP8B1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	VLWGLLGAL LMVMVGWLCL PGLLRQRRPQ EPPLDKGSIP WLGHAMTFRK NMLEFLKHMR SKHGDVFTVQ LGGQYFTFVM DPVSFGPILK DGQRKLDVE YAKGLVLKVF GYQSIEGDHR MIHLASTKHL MGHGLEELNK AMLDSLVLVM LGPEGRSPDA SRWHEDGLFH FCYGVMFKAG YLSLFGHTSD KRQDLLQAEI IFIKFRRFDL LFPRFVYSL GPREWREVGR LQQLFHELLS VKHNPEKDGM SNWIGHMLQY LSEQGVAPAM QDKFNFMMWL ASQGNTGPAS FWALIYLLKH PEAMRAVKEE ATRVLGEPRL EAKQSFTVQL SALQHIVPLD SVMEETLRIG AAPTLYRVVQ KDILLKMASG QECLLRQGDV VTLFPYLSVH MDPDIHPEPT TFKYDRFLNP NGSRKVDVFK AGQKIHHTM PWGSGVSICP GRFFALSEMK LFLVLMVQYF DLELVDPNTP VPPIDPRRWG FGTMQPTHQV RIRYRLKPLE
Specificity:	Oryctolagus cuniculus (Rabbit)
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: CYP8B1

Alternative Name: 7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase (CYP8B1) ([CYP8B1 Products](#))

Background: Recommended name: 7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase.  
EC= 1.14.13.95.  
Alternative name(s): 7-alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase CYPVIII B1  
Cytochrome P450 8B1 Sterol 12-alpha-hydroxylase

UniProt: [002766](#)

## 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 modiflicated 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

## Handling

---

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