

Datasheet for ABIN7584066

CYP2E1 Protein (AA 2-493) (His tag)



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Overview

Quantity:	100 µg
Target:	CYP2E1
Protein Characteristics:	AA 2-493
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP2E1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AVLGITIAL LVWVATLLVI SIWKQIYNSW NLPPGPFPLP ILGNIFQLDL KDIPKSFTKL AKRFGPVFTL HLGSRRIIVL HGYKAVKEVL LNHKNEFSGR GDIPVFQEYK NKGIIFNNGP TWKDVRRFSL SILRDWGMGK QGNEARIQRE AQFLVEELKK TKGQPFDP TF LIGCAPCNVI ADILFNKRFD YNDKKCLRLM SLFNENFYLL STPWIQLYNN FADYLRYPG SHRKIMKNVS EIKQYTLEKA KEHLQSLDIN CARDVTDCLL IEMEKEKHSQ EPMYTMENVS VTLADLFFAG TETTSTTLRY GLLILMKYPE IEEKLHEEID RVIGPSRVPA VRDRLDMPYM DAVVHEIQRF INLVPSNLPH EATRDTVFGG YVIPKGT VVI PTLDSLLYDS HEFPDPEKFK PEHFLNENGK FKYSDFKAF SAGKRVCVGE GLARMELFLL LSAILQHFNL KSLVDPKDID LSPVTVGFGS IPPQFKLCVI PRS
Specificity:	Rattus norvegicus (Rat)
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: CYP2E1

Alternative Name: Cytochrome P450 2E1 (Cyp2e1) ([CYP2E1 Products](#))

Background: Recommended name: Cytochrome P450 2E1.
EC= 1.14.13.-.
Alternative name(s): 4-nitrophenol 2-hydroxylase.
EC= 1.14.13.n7 CYP11E1 Cytochrome P450-J Cytochrome P450RLM6

UniProt: [P05182](#)

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

Storage: -20 °C

Handling

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