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Datasheet for ABIN1639447

CYP11B Protein (AA 46-517) (His tag)

Overview

Quantity:	1 mg
Target:	CYP11B
Protein Characteristics:	AA 46-517
Origin:	Bullfrog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP11B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p> GSLAS QTLPYEAIPT TGRSAWFNLF QFWRKNSFQH MHLAMEENFQ NLGPIYREKL GTHNSVNIML PQDVARLFQS EGIFPRRMTM EAWSKHREL R NHKQGVFLN GEAWRSDRII LNKEVLSLAG VKKFLPFLDE AAADFVTFMK KRMSKNTRGS LTVDLYADLF RFTLEASSYV LYGQRLG LLE EHPNADTLRF ISAVETVLKT TLPLLYPHQ ILQLFQTRLW NEHMHAWDVI FEQADRCIQN IYQEYCLGQE RGYSGIMAEL LLQAELPLDS IKANITELMA GGVDTTAMPL LFTLFELARN PSVQRELREE IRKAEAQNPN DLNQLLNSLP LLKGAIKETL RLYPVGITVQ RHLIKDIVLH NYHIPAGTLV QVGLYPMGRS PLLFQDALRY DPARWLKRED TNFKALAFGF GSRQCIGRRI AETEITLFLM HMLKNFQIDT VSKDDIKTVF GFILMPEKPP LLTFRPI </p>
Specificity:	Lithobates catesbeiana (American bullfrog) (Rana catesbeiana)
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: CYP11B

Abstract: [CYP11B Products](#)

Background: Recommended name: Cytochrome P450 11B, mitochondrial.
Alternative name(s): CYPXIB Cytochrome P450C11 P-450(11 beta,aldo) Steroid 11-beta-hydroxylase.
EC= 1.14.15.4

UniProt: [Q92104](#)

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.