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Datasheet for ABIN1666190

CYP125 Protein (AA 1-433) (His tag)

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Overview

Quantity:	1 mg
Target:	CYP125
Protein Characteristics:	AA 1-433
Origin:	Mycobacterium bovis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP125 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSWNHQSVEI AVRRTTVPSP NLPPGFDFTD PAIYAERLPV AEFAELRSAA PIWWNGQDPG KGGGFHDGGF WAITKLNDVK EISRHSDVFS SYENGVIPRF KNDIAREDIE VQRFVMLNMD APHHTRLRKI ISRGFTPRAV GRLHDELQER AQKIAAEAAA AGSGDFVEQV SCELPLQAIA GLLGVPQEDR GKLFHWSNEM TGNEDPEYAH IDPKASSAEL IGYAMKMAEE KAKNPADDIV TQLIQADIDG EKLSDDEFGF FVVMLAVAGN ETTRNSITQG MMAFAEHPDQ WELYKKVRPE TAADEIVRWA TPVTAFQRTA LRDYELSGVQ IKKGQRVVMF YRSANFDEEV FQDPFTFNIL RNPNPHVGFG GTGAHYCIGA NLARMTINLI FNAVADHMPD LKPISAPERL RSGWLNGIKH WQVDYTGRCP VAH
Specificity:	Mycobacterium bovis
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

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Product Details

Purity:	> 90 %

Target Details

Target:	CYP125
Alternative Name:	Steroid C27-monooxygenase (cyp125) (CYP125 Products)
Background:	Recommended name: Steroid C27-monooxygenase. EC= 1.14.13.-. Alternative name(s): Cytochrome P450 125 cholest-4-en-3-one monooxygenase
UniProt:	P63710

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

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