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Datasheet for ABIN1593899
CYP83B1 Protein (AA 1-499) (His tag)

Overview

Quantity:	1 mg
Target:	CYP83B1
Protein Characteristics:	AA 1-499
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP83B1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDLLLIAGL VAAAAFFFLR STTKKSLRLP PGPKGLPIIG NLHQMEKFNQ QHFLFRLSKL YGPIFTMKIG GRRLAVISSA ELAKELLKTQ DLNFTARPLL KGQQTMSYQG RELGFGQYTA YYREMRKMCM VNLFPNRVA SFRPVREEEC QRMMDKIYKA ADQSGTVDLN ELLLSFTNCV VCRQAFGKRY NEYGTEMKRF IDILYETQAL LGTLFFSDLF PYFGFLDNLT GLSARLKKAF KELDTYLQEL LDETLDPNRP KQETESFIDL LMQIYKDQPF SIKFTHENVK AMILDIVVPG TDTAAAVVVW AMTYLIKYPE AMKKAQDEVR SVIGDKGYVS EEDIPNLPYL KAVIKESLRL EPVIPILLHR ETIADAKIGG YDIPAKTIIQ VNAWAVSRDT AAWGDNPNF IPERFMNEHK GVDFKQDFE LLPFGSGRRM CPAMHLGIAM VEIPFANLLY KFDWSLPKGI KPEDIKMDVM TGLAMHKKEH LVLAPTKHI
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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: CYP83B1

Abstract: [CYP83B1 Products](#)

Background: Recommended name: Cytochrome P450 83B1.
EC= 1.14.-.-.
Alternative name(s): Protein ALTERED TRYPTOPHAN REGULATION 4 Protein RED ELONGATED
1 Protein SUPERROOT 2

UniProt: [O65782](#)

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.