

Datasheet for ABIN7584067

CYP4B1 Protein (AA 2-511) (His tag)



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Overview

Quantity:	100 µg
Target:	CYP4B1
Protein Characteristics:	AA 2-511
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP4B1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>VLNFLSPSL SRLGLWASVV ILMVIVLKLF SLLRRQKLA RAMDSFPGPP THWLFGHALE</p> <p>IQKLGSLDKV VSWAQQFPHA HPLWFGQFVG FLNIYEPDYA KAVYSRGDPK AADVYDFFLQ</p> <p>WIGKGLLVLD GPKWFQHRKL LTPGFHYDVL KPYVAIFAES TRMMLDKWEK KASENKSFDI</p> <p>FCDVGHMALD TLMKCTFGKG DSGLGHRDNS YYLAVSDLTL LMQQRIDSFQ YHNDFIYWLT</p> <p>PHGRRFLRAC KIAHDHTDEV IRQRKAALQD EKERKKIQR RHLDFLDILL GVRDESGIKL</p> <p>SDAELRAEVD TFMFEGHDTT TSGISWFLYC MALYPEHQQL CREEVRGILG DQDSFQWDDL</p> <p>AKMTYLTMC MKECFRLYPPV PQVYRQLNKP VTFVDGRSLP AGSLISLHIY ALHRNSTVWP</p> <p>DPEVFDPLRF SPENAAGRHP FAFMPFSAGP RNCIGQQFAM NEMKVVTALC LLRFEFSLDP</p> <p>SKMPIKVPQL ILRSKNGIHL YLKPLASRSG K</p>
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: CYP4B1

Alternative Name: Cytochrome P450 4B1 (Cyp4b1) ([CYP4B1 Products](#))

Background: Recommended name: Cytochrome P450 4B1.
EC= 1.14.14.1.
Alternative name(s): CYP1B1 Cytochrome P450 L-2 Cytochrome P450 isozyme 5

UniProt: [P15129](#)

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

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