Datasheet for ABIN7590343

Cyp2d18 Protein (AA 1-500) (His tag)

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Overview

Quantity:	100 µg
Target:	Cyp2d18 (CYP2D4)
Protein Characteristics:	AA 1-500
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyp2d18 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MRMPTGSELW PIAIFTIIFL LLVDLMHRRQ RWTSRYPPGP VPWPVLGNLL QIDFQNMPAG FQKLRCRFGD LFSLQLAFES VVVLNGLPAL REALVKYSED TADRPPLHFN DQSGFGPRSQ GVVLARYGPA WRQQRRFSVS TFRHFGLGKK SLEQWVTEEA RCLCAAFADH SGFPFSPNTL LDKAVCNVIA SLLFACRFEY NDPRFIRLLD LLKDTLEEES GFLPMLLNVF PMLLHIPGLL GKVFSGKKAF VAMLDELLTE HKVTWDPAQP PRDLTDAFLA EVEKAKGNPE SSFNDENLRV VVADLFMAGM VTTSTTLTWA LLFMILRPDV QCRVQQEIDE VIGQVRRPEM ADQARMPFTN AVIHEVQRFA DILPLGVPHK TSRDIEVQGF LIPKGTTLII NLSSVLKDET VWEKPLRFHP EHFLDAQGNF VKHEAFMPFS AGRRACLGEP LARMELFLFF TCLLQRFSFS VPAGQPRPSN YGVFGALTTP RPYQLCASPR
Specificity:	Rattus norvegicus (Rat)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	Cyp2d18 (CYP2D4)
Alternative Name:	Cytochrome P450 2D18 (Cyp2d18) (CYP2D4 Products)
Background:	Recommended name: Cytochrome P450 2D18. EC= 1.14.14.1. Alternative name(s): CYPIID18 Cytochrome P450 2D-29 Cytochrome P450 2D-35
UniProt:	Q64680

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.