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Datasheet for ABIN1591650  
**CYP2F2 Protein (AA 1-491) (His tag)**

### Overview

Quantity:	1 mg
Target:	CYP2F2
Protein Characteristics:	AA 1-491
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP2F2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MDGVSTAILL LLLAVISLSL TFTSWGKQQL PPGPKLPIL GNLLQLRSQD LLTSLTKLSK DYGSVFTVYL GPRRVIVLSG YQTVKEALVD KGEESGRGS YPIFFNFTKG NGIAFSDGER WKILRRFSVQ ILRNFGMGKR SIEERILEEG SFLLDVLRKT EGKPFDPVFI LSRSVSNIIC SVIFGSRFDY DDERLLTIH FINDNFQIMS SPWGEMYNIF PSLLDWVPGP HRRVFRNFGG MKDLIARSVR EHQDSLDPNS PRDFIDCLT KMVQEKQDPL SHFNMDTLLM TTHNLLFGGT ETVGTTLRHA FLILMKYPKV QARVQEEIDC VVGRSRMPTL EDRASMPYTD AVIHEVQRFA DVIPMNLPHR VIRDTFPRGF LIPKGTDVIT LLNTVHYDSD QFKTPQEFNP EHFLDANQSF KKSPAFMPFS AGRRLCLGEP LARMELFIYL TSILQNFTLH PLVEPEDIDL TPLSSGLGNL PRPFQCMRI R
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

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Purity: > 90 %

## Target Details

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Target: CYP2F2

Alternative Name: Cytochrome P450 2F2 (Cyp2f2) ([CYP2F2 Products](#))

Background: Recommended name: Cytochrome P450 2F2.  
EC= 1.14.14.-.  
Alternative name(s): CYP11F2 Cytochrome P450-NAH-2 Naphthalene dehydrogenase  
Naphthalene hydroxylase

UniProt: [O35293](#)

## Application Details

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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

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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

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