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Datasheet for ABIN1476078  
**FM01 Protein (AA 2-532) (His tag)**

### Overview

Quantity:	1 mg
Target:	FM01
Protein Characteristics:	AA 2-532
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FM01 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	VKRVAIVGA GVSGLASIKC CLEEGLEPTC FERSCDLGGL WRFTHEVEEG RASLYNSVVS NSSKEMSCYS DFPFPEDYPN FVPNSLFLEY LQLYATQFNL LRCIYFNTKV CSITKRPDFA VSGQWEVTV CQGKQSSDTF DAVMVCTGFL TNPHLPLDSF PGIQTFKGQY FHSRQYKHPD VFKDKRVLV GMGNSGTDIA VEASHLAKKV FLSTTGGAUV ISRVFDSGYP WDMIFMTRFQ NMLRNLLPTP VVSWLISKKM NSWFNHVNYG VAPEDRTQLR EPVLNDELPG RIITGKVLIK PSIKEVKENS VVFNNTPKKE PIDVIVFATG YSFAPFLDE SIVKVEDGQA SLYKYIFPAH LPKPTLAVIG LIKPLGSMIP TGETQARWVV QVLKGATTLP PPSVMMKEVN ERKKNKHSGF GLCYCKALQS DYITYIDLL TSINAKPDLR AMLLTDPRLA LSIFFGPCTP YHFRLTGPGK WEGARKAILT QWDRTVNVTK TRTVQETPST FETLLKLSFS LALLVAVFFI FL
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: FM01

Alternative Name: Dimethylaniline monooxygenase [N-oxide-forming] 1 (Fmo1) ([FM01 Products](#))

Background: Recommended name: Dimethylaniline monooxygenase [N-oxide-forming] 1.  
EC= 1.14.13.8.  
Alternative name(s): Dimethylaniline oxidase 1 Hepatic flavin-containing monooxygenase 1.  
Short name= FMO 1

UniProt: [P36365](#)

## 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.