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Datasheet for ABIN1674938

## FM02 Protein (AA 2-535) (His tag)

### Overview

Quantity:	1 mg
Target:	FM02
Protein Characteristics:	AA 2-535
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FM02 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	VKKVAVIGA GVSGGLISLKG CVDEGLEPTC FERTEDIGGL WRFKENVEDG RASIYHSVIT NTSKEMSCFS DFPMPEDFPN FLHNSKLLEY FRIFAKKFDL LKYIQFQTTV ISVKKRPDFA SSGQWDVYVQ SNGKEQRAVF DAVMVCSGHH IQPHLPLKSF PGIERFQGQY FHSRQYKHPV GYEGKRILVV GIGNSAADIA SELSKRAAQV FVSTRHGSWV LSRISEDGYW WDMVFHTRFS SMLRNVLPRT VVKWMMERQM NRWFNHENYG LVPQNKYLMK EPVLNDDLPS RLLYGAIKVK TRVKELTETA VVFEDGTVEE DVDVIVFATG YTFSPFLED SLVKVEDNKV SLYKAMFPPH LEKPTLACIG LIQPLGSIFP TVELQARWAT RVFKGVCRLP SETTMMADIA ERNEKRIDL GKSQSQILQT NYIDYLDELA LEIGAKPDFI SLLFKDPKLA VKLYFGPCNS YQYRLVGPQG WEGARNAILT QKQRIKPLK TRTLQTSASA PVSFLIKVLG LLAIVLAFFF KLHGF
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: FM02

Alternative Name: Dimethylaniline monooxygenase [N-oxide-forming] 2 (Fmo2) ([FM02 Products](#))

Background: Recommended name: Dimethylaniline monooxygenase [N-oxide-forming] 2.  
EC= 1.14.13.8.  
Alternative name(s): Dimethylaniline oxidase 2 Pulmonary flavin-containing monooxygenase 2.  
Short name= FMO 2

UniProt: [Q6IRI9](#)

## 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

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