

Datasheet for ABIN7590767

FM05 Protein (AA 1-533) (His tag)



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Overview

Quantity:	100 µg
Target:	FM05
Protein Characteristics:	AA 1-533
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FM05 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAKKRIAVIG SGASGLTCIK CCLEEGLEPV CFERSDDIGG LWRYQENPEK GRASIYKSVI</p> <p>INTSKEMMCF SDYPIPDHYP NFMHNSQVLE YFRMYAKEFG LLKYIQFKTT VCSVKKQPDF</p> <p>STSGQWQVVT EHEGKQQVDV FDGVLVCTGH HTDPHLPLDS FPGIEKFKGK YFHSREYKNP</p> <p>VEFTGKRIV IGIGNSGGDL AVEISHTAKQ VFLSTRRGAW ILNRVGKRGY PIDILLSSRI</p> <p>TNYLSKICGS ALKNRYMEKQ LNQRFDHEMF GLKPKHSALG QHPTINDDLN NRIISGLVKV</p> <p>KGNVKEFTET AAIFEDGSRE DDIDVVFAT GYSFAFPFLE DSVKVVQNKV SLYKKVFPFN</p> <p>LEKPTLAIIG LIQPLGAIMP ISELQGRWAT QVFKGLKKLP SQSEMMAEIN KTREEMAKRY</p> <p>VDSQRHTIQG DYIDTMEEIA DLVGVRPNLL SLAFTDPKLA FQLLVGPCTP VQYRLQGP GK</p> <p>WAGARKTILT TEDRIKPLM TRVVERDSSG TSLVTVRVLM LAVTFLAVIL AYF</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: FM05

Alternative Name: Dimethylaniline monooxygenase [N-oxide-forming] 5 (Fmo5) ([FM05 Products](#))

Background: Recommended name: Dimethylaniline monooxygenase [N-oxide-forming] 5.
EC= 1.14.13.8.
Alternative name(s): Dimethylaniline oxidase 5 Hepatic flavin-containing monooxygenase 5.
Short name= FMO 5

UniProt: [Q8K4C0](#)

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

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