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## Datasheet for ABIN1475460 MMP16 Protein (AA 120-564) (His tag)

### Overview

Quantity:	1 mg
Target:	MMP16
Protein Characteristics:	AA 120-564
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MMP16 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	Y ALTGQKWQHK HITYSIKNVT PKVGDPETRR AIRRAFDVWQ NVTPLTFEEV PYSELENGKR DVDITIIFAS GFHGDSPFD GEGGFLAHAY FPGPGIGGDT HFDSDEPWTG GNPNDHGNDL FLVAVHELGH ALGLEHSNDP TAIMAPFYQY METDNFKLPN DDLQGIQKIY GPPDKIPPPT RPLPTVPPHR SVPPADPRKN DRPKPPRPPT GRPSYPGAKP NICDGNFNTL AILRREMFVF KDQWFWRVRN NRVMDGYPMQ ITYFWRGLPP SIDAVYENSF GNFVFFKGKNG YWVFKDITLQ PGYPHDLITL NGGIPPHGID SAIWWEDVGK TYFFKGDYRW RYSEEMKTMD PGYPKPITIW KGIPESPQGA FVHKENGFTY FYKGKEYWKF NNQILKVEPG YPRSILKDFM GCDGPTDRDK EGLSPDDVD IVIKLDNTAS TVKA
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: MMP16

Alternative Name: Matrix metalloproteinase-16 (Mmp16) ([MMP16 Products](#))

Background: Recommended name: Matrix metalloproteinase-16.  
Short name= MMP-16.  
EC= 3.4.24.-.  
Alternative name(s): Membrane-type matrix metalloproteinase 3.  
Short name= MT-MMP 3.  
Short name= MTMMP3 Membrane-type-3 matrix metalloproteinase.  
Short name= MT3-MMP.  
Short name= MT3MMP

UniProt: [O35548](#)

## 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 modiflicated 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

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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.