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## Datasheet for ABIN1591783 MMP19 Protein (AA 100-467) (His tag)



Overview	
Quantity:	1 mg
Target:	MMP19
Protein Characteristics:	AA 100-467
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MMP19 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	Y STVAKSSAWQ KKDLTYRILN FTPDLPQADV ETAIQRAFKV WSDVTPLTFT RIYNEVSDIE
	ISFTAGDHKD NSPFDGSGGI LAHAFQPGNG IGGDAHFDED ETWTKTSEIY NLFLVAAHEF
	GHSLGLSHST DQGALMYPTY SNTDPKTFQL PQDDINAIQY LYGKSSNPVQ PTGPSTPSRC
	DPNVVFNAVT TMRGELIFFV KRFLWRKHPQ ASEAELMFVQ AFWPSLPTNI DAAYENPITE
	QILVFKGSKY TALDGFDVVQ GYPRNIYSLG FPKTVKRIDA AVHIEQLGKT YFFAAKKYWS
	YDEDKKQMDK GFPKQISNDF PGIPDKIDAA FYYRGRLYFF IGRSQFEYNI NSKRIVQVLR
	SNSWLGC
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

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## Target Details

Target:	MMP19
Alternative Name:	Matrix metalloproteinase-18 (mmp18) (MMP19 Products)
Background:	Recommended name: Matrix metalloproteinase-18.
	Short name= MMP-18.
	EC= 3.4.24
	Alternative name(s): Collagenase-4.
	Short name= xCol4
UniProt:	013065

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

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