

Datasheet for ABIN1475094

MMP10 Protein (AA 100-476) (His tag)



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Overview

Quantity:	1 mg
Target:	MMP10
Protein Characteristics:	AA 100-476
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MMP10 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>F STFPGSPKWR KNHISYRIVN YTLDPRESV DSAIERALKV WEEVTPLTFS RISEGEADIM</p> <p>ISFAVGEHGD FYFDGVGQS LAHAYPPGPG FYGDAHFDDE EKWSLGPSTG NLFLVAAHEL</p> <p>GHSGLFHNS NKESLMYPVY RFSTSQANIR LSQDDIEGIQ SLYGARPSSD ATWVPVPSVS</p> <p>PKPETPVKCD PALSFDAVTM LRGEFLFFKD RHFWRRTQWN PEPEFHLISA FWPSLPSTGLD</p> <p>AAYEANNKDR VLIFKGSQFW AVRGNEVQAG YPKRIHTLGF PPTVKKIDAA VFEKEKKKTY</p> <p>FFVGDKYWRF DETRQLMDKG FPRLITDDFP GIEPQVDAVL HAFGFFYFFC GSSQFEFDPN</p> <p>ARTVTHTLKS NSWLLC</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.
Purity:	> 90 %

Target Details

Target:	MMP10
Alternative Name:	Stromelysin-2 (Mmp10) (MMP10 Products)
Background:	Recommended name: Stromelysin-2. Short name= SL-2. EC= 3.4.24.22. Alternative name(s): Matrix metalloproteinase-10. Short name= MMP-10 Transformation-associated protein 34A Transin-2
UniProt:	P07152

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