Datasheet for ABIN1653393

MMP14 Protein (AA 111-541) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	MMP14
Protein Characteristics:	AA 111-541
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MMP14 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	YAIQGLKWQH NEITFCIQNY TPNVGEYATF EAIRKAFRVW ESATPLRFRE VPYAYIREGH EKQADIMIFF AEGFHGDSTP FDGEGGFLAH AYFPGPNIGG DTHFDSAEPW TVRNEDLNGN DIFLVAVHEL GHALGLEHSN DPSAIMAPFY QWMDTENFVL PDDDRRGIQQ LYGSKSGSPT KMPPQPRTTS RPSVPDKPKN PTYGPNICDG NFDTVAMLRG EMFVFKERWF WRVRKNQVMD GYPMPIGQFW RGLPASINTA YERKDGKFVF FKGDKHWVFD EASLEPGYPK HIKELGRGLP TDRIDAALFW MPNGKTYFFR GNKYYRFNEE LRIVESEYPK NIKVWEGIPE SPRGSFMGSD EVFTYFYKGN KYWKFNNQKL KVEPGYPKSA LRDWMGCPSS GGQPDEGTEE ETEVIIIEVD EEGSGAVSAA A
Specificity:	Bos taurus (Bovine)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	MMP14
Alternative Name:	Matrix metalloproteinase-14 (MMP14) (MMP14 Products)
Background:	Recommended name: Matrix metalloproteinase-14. Short name= MMP-14. EC= 3.4.24.80. Alternative name(s): Membrane-type matrix metalloproteinase 1. Short name= MT-MMP 1. Short name= MTMMP1 Membrane-type-1 matrix metalloproteinase. Short name= MT1-MMP. Short name= MT1MMP
UniProt:	Q9GLE4
Pathways:	Autophagy

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

Handling

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.