Datasheet for ABIN7588312

CPB2 Protein (AA 115-423) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	CPB2
Protein Characteristics:	AA 115-423
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPB2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ASSSYY EQYHSLNEIY SWIEVMTERY PDMVEKIHIG SSYEKYPLYV LKVSKKEQRA KNAMWIDCGI HAREWISPAF CLWFVGSVTY YYGKEKMHTN LLKHMDFYIM PVVNVDGYDY TWKKDRMWRK NRSLHEKNAC VGTDLNRNFA SKHWCGEGAS SSSCSEIYCG TYPESEPEVK AVADFLRRNI KHIKAYISMH SYSQKIVFPY SYSRSRSKDH EELSLVAREA VFAMENIHRN IRYTHGSGSE SLYLAPGGSD DWIYDLGIKY SFTFELRDKG KYGFLLPESY IRPTCSEALV AVAKIASHVV KNV
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.
Purity:	> 90 %

Target Details

Target:	CPB2
Alternative Name:	Carboxypeptidase B2 (CPB2) (CPB2 Products)
Background:	Recommended name: Carboxypeptidase B2. EC= 3.4.17.20. Alternative name(s): Carboxypeptidase U. Short name= CPU Plasma carboxypeptidase B. Short name= pCPB Thrombin-activable fibrinolysis inhibitor. Short name= TAFI
UniProt:	Q2KIG3
Pathways:	Regulation of Actin Filament Polymerization, Carbohydrate Homeostasis

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

Handling

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