

Datasheet for ABIN7591192

CPB2 Protein (AA 114-422) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CPB2
Protein Characteristics:	AA 114-422
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPB2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ASSSYE QYHSLNEIYS WIEVITEQHP DMLQKIYIGS SYEKYPLYVL KVSGKEHRVK NAIWIDCGIH AREWISPAFC LWFIGYVTQF HGKENTYTRL LRHVDFYIMP VMNVDGYDYT WKKNRMWRKN RSVHMNNRCV GTDLNRNFAS KHWCEKGASS FSCSETYCGL YPESEPEVKA VADFLRRNIN HIKAYISMHS YSQQILFPYS YNRSKSKDHE ELSLVASEAV RAIESINKNT RYTHGSGSES LYLAPGGSDD WIYDLGIKYS FTIELRDTGR YGFLPERFI KPTCAEALAA VSKIAWHVIR NS
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:	CPB2
Alternative Name:	Carboxypeptidase B2 (Cpb2) (CPB2 Products)
Background:	Recommended name: Carboxypeptidase B2. EC= 3.4.17.20. Alternative name(s): Carboxypeptidase R. Short name= CPR Carboxypeptidase U. Short name= CPU Thrombin-activable fibrinolysis inhibitor. Short name= TAFI
UniProt:	Q9EQV9
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 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

Handling

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