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Datasheet for ABIN1612653  
**CPM Protein (AA 18-423) (His tag)**

### Overview

Quantity:	1 mg
Target:	CPM
Protein Characteristics:	AA 18-423
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPM protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	LDF NYHHQEGMEA FLKTVAQNYS SITHLHSIGK SVKGRNLWVL VVGRFPKEHR IGIPEFKYVA NMHGDET VGR ELLLHLIDYL VTS DGKDPEI TNLINSTR IH IMPSMNPDGF EAVKKPDCYY SIGRENYNQY DLNRNFPDAF EYNNVSRQPE TVAVMKWLKT ETFVLSANLH GGALVASYPF DNGVQATGAL YSRSLTPDDD VFQYLAHTYA SRNPNMKKGD ECKNKMNFPN GVTNGYSWYP LQGGMQDYNY IWAQCFEITL ELSCKYPRE EKLPSFWNNN KASLIEYIKQ VHLGVKGQVF DQNGNPLPDV IVEVQDRKHI CPYRTNKYGE YYLLLLPGSY IINVTVSGHD PHLTKVIIPE KSQNF SALKK DILLPFQ GQL DSIPVSNPSC P MIPLYRNLP DHS
Specificity:	Pongo abelii (Sumatran orangutan)
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

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Target:	CPM
Abstract:	<a href="#">CPM Products</a>
Background:	Recommended name: Carboxypeptidase M. Short name= CPM. EC= 3.4.17.12
UniProt:	<a href="#">Q5RFD6</a>

## Application Details

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Comment:	<p>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 modiflicated 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.</p>
Restrictions:	For Research Use only

## Handling

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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.