

[Go to Product page](#)

Datasheet for ABIN1611092

**CMA1 Protein (AA 22-247) (His tag)**

## Overview

Quantity:	1 mg
Target:	CMA1
Protein Characteristics:	AA 22-247
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CMA1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	IIGGTECKP HSRPYMAYLE IVTSNGPSKS CGGFLIRRNF VLTAVHCAGR SITVTLG AHN ITEKEDTWQK LEVIKQFRHP KYNTSTLHHD IMLLKLKEKA SLTLAVGTLP FPSQFN FVPP GRMCRVAGWG RTGVLPKPGSD TLQEVKLRLM DPQACSHFRY FDHNLQLCVG NPRKTKSAFK GDSGGPLLCA GVAQGIVSYG RLDAKPPAVF TRISHYRPWI NKILQAN
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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:	CMA1
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## Target Details

Alternative Name:	Chymase (CMA1) ( <a href="#">CMA1 Products</a> )
Background:	Recommended name: Chymase. EC= 3.4.21.39. Alternative name(s): Alpha-chymase
UniProt:	<a href="#">P56435</a>
Pathways:	<a href="#">ACE Inhibitor Pathway</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">Carbohydrate Homeostasis</a>

## 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.