

Datasheet for ABIN1472496
CAPN2 Protein (AA 1-324) (His tag)



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1 Image

Overview

Quantity:	1 mg
Target:	CAPN2
Protein Characteristics:	AA 1-324
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAPN2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	YPNTFWMNPQ YLIKLEEEDE DQEDGESGCT FLVGLIQKHR RRQRKMGEDM HTIGFGIYEV PEELTGQTNHLSKNFFLTH RARERSDTFI NLREVLNRFK LPPGEYILVP STFEPNKDGD FCIRVFSEKK ADYQVVDDEI EADLEENDAS EDDIDDGFRR LFAQLAGEDA EISAFELQTI LRRVLAKRQD IKSDGFSIET CRIMVDMLDS DGSAKLGLKE FYILWTKIQK YQKIYREIDV DRSGTMNSYE MRKALEEAGF KLPCQLHQVI VARFADDQLI IDFDNFVRCL VRLETLFRIS KQLDSENTGT IELDLISWLC FSVL
Specificity:	Sus scrofa (Pig)
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

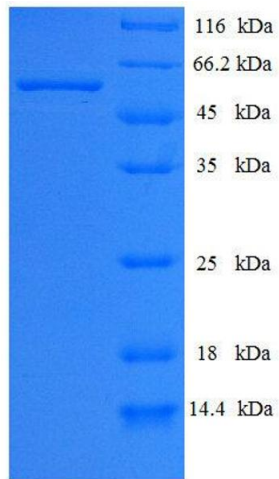
Target:	CAPN2
Alternative Name:	Calpain-2 catalytic subunit (CAPN2) (CAPN2 Products)
Background:	Recommended name: Calpain-2 catalytic subunit. EC= 3.4.22.53. Alternative name(s): Calcium-activated neutral proteinase 2. Short name= CANP 2 Calpain M-type Calpain-2 large subunit Millimolar-calpain. Short name= M-calpain
UniProt:	P43367
Pathways:	Apoptosis

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.



SDS-PAGE

Image 1. Calpain 2, (M/II) Large Subunit (CAPN2) (AA 1-324) protein (His tag) expressed in *E. coli*