Datasheet for ABIN7588323

CPN1 Protein (AA 20-462) (His tag)

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Overview

Quantity:	100 µg
Target:	CPN1
Protein Characteristics:	AA 20-462
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPN1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	V TFRHHRYDDL VRMLYKVHNE CPHITRVYSI GRSVKGRHLY VLEFSDYPGI HEPLEPEVKY VGNMHGNEVL GRELLLQLSE FLCEEFRNRN QRIVRLVEDT RIHIMPSMNP DGYEVAAAAQ ERDISGYLVG RNNANGVDLN RNFPDLNTYI YYNEKNGGPN HHFPLPDNWK SQVEPETQAV IQWIRSFNFV LSANLHGGAV VANYPYDKSL GHRVRGFRRT ANTPTPDDKL FQKLAKIYSY AHGWMHQGWN CGDYFPDGIT NGASWYSLSK GMQDFNYLHT NCFEITLELS CDKFPLQGEL QREWLGNREA LIQFLEQVHQ GIKGMVRDEN YNNLADAVIS VGGINHDVTS GAHGDYFRLL LPGTYTVTAT APGFDPETVS VTVGPAEPKL VNFQLKRSTP QAAPKRRIPN SGHRGRVLPK KVQPRAARKK ETMMKQPQRG PA
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.

Product Details

Purity:	> 90 %

Target Details

Target:	CPN1
Alternative Name:	Carboxypeptidase N catalytic chain (CPN1) (CPN1 Products)
Background:	Recommended name: Carboxypeptidase N catalytic chain. Short name= CPN. EC= 3.4.17.3. Alternative name(s): Carboxypeptidase N polypeptide 1 Carboxypeptidase N small subunit
UniProt:	Q2KJ83
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis, Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones, C21-Steroid Hormone Metabolic Process

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

Handling

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