Datasheet for ABIN1475971

CAPNL1 Protein (AA 2-713) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	CAPNL1
Protein Characteristics:	AA 2-713
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAPNL1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AEELITPVY CTGVSAQVQK QRDKELGLGR HENAIKYLGQ DYENLRARCL QNGVLFQDDA FPPVSHSLGF KELGPNSSKT YGIKWKRPTE LLSNPQFIVD GATRTDICQG ALGDCWLLAA IASLTLNETI LHRVVPYGQS FQEGYAGIFH FQLWQFGEWV DVVVDDLLPT KDGKLVFVHS AQGNEFWSAL LEKAYAKVNG SYEALSGGCT SEAFEDFTGG VTEWYDLQKA PSDLYQIILK ALERGSLLGC SINISDIRDL EAITFKNLVR GHAYSVTDAK QVTYQGQRVN LIRMRNPWGE VEWKGPWSDN SYEWNKVDPY EREQLRVKME DGEFWMSFRD FIREFTKLEI CNLTPDALKS RTLRNWNTTF YEGTWRRGST AGGCRNYPAT FWVNPQFKIR LEEVDDADDY DSRESGCSFL LALMQKHRRR ERRFGRDMET IGFAVYQVPR ELAGQPVHLK RDFFLANASR AQSEHFINLR EVSNRIRLPP GEYIVVPSTF EPNKEGDFLL RFFSEKKAGT QELDDQIQAN LPDEKVLSEE EIDDNFKTLF SKLAGDDMEI SVKELQTILN RIISKHKDLR TNGFSLESCR SMVNLMDRDG NGKLGLVEFN ILWNRIRNYL TIFRKFDLDK SGSMSAYEMR MAIEAAGFKL NKKLHELIIT RYSEPDLAVD FDNFVCCLVR LETMFRFFKI LDTDLDGVVT FDLFKWLQLT MFA

Product Details

Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	CAPNL1
Alternative Name:	Calpain-1 catalytic subunit (Capn1) (CAPNL1 Products)
Background:	Recommended name: Calpain-1 catalytic subunit. EC= 3.4.22.52. Alternative name(s): Calcium-activated neutral proteinase 1. Short name= CANP 1 Calpain mu-type Calpain-1 large subunit Micromolar-calpain. Short name= muCANP
UniProt:	P97571
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 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

Handling

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.