

Datasheet for ABIN7583739

CAPN11 Protein (AA 1-716) (His tag)



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Overview

Quantity:	100 µg
Target:	CAPN11
Protein Characteristics:	AA 1-716
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAPN11 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MLNFSDISYA ERGMVATINS NRLKDKGVGQ YQNAYNYKNQ NFEDLRASCL KMGELFEDPF</p> <p>FPAEPQSIGF KELGPKSQEV HNVYWQRPKD IIHNPQFITN DFSPTDICQG ILGDCWLLAA</p> <p>IGSLTTSPKL LFRVVPRSQS FKKNYAGIFH FQLWQFGHWL NVVDDRLPT KNNKLVFVHA</p> <p>SHRQEFWGAL LEKAYAKLNG SYEALTGGST MEGLEDFTGG MAQCIRLQNP PHNLLRLLRK</p> <p>ALEKSSLMGC SIEVTNSDDV EKMAHNMLVK GHAYAITGLQ DVYYRDKLET LIRIQNPWGR</p> <p>IEWNGAWSKD AKEWEEVMPE VQMQLLHKKE DGEFWMSYED FMSNFTLLEI CNLTPDALSS</p> <p>WDYKSCWHTT FFEGSWRRGS TAGGCRNYPE TFWSNPQFRI SLPETDDPED SSDKSEMVCT</p> <p>CLVALMQKNW RHAREGPQLL TIGFVVFVSW YVQFQNLQDI HLKKDFFMKY RDHGFSEIFT</p> <p>NTREVNSHLR LPPGEYVIIP STFEPHKDAD FLLRVFTEKH SETWLLDEVN MLEQLQEETI</p> <p>TDADLDQNSV ELFETLANRD SQVDMYDLQK LLNKMSSKVK SFKSKGFSLD VCRRMVNLMD</p> <p>KDDSGKLGLH EFHILWKKIK KWMEIFKECD QDRSGNLNSY EMRLAIEKAG IRMNNRVTEV</p> <p>VVARYADANM IVDFDNFINC FLRLKAMFAF FLSMDTKKTG SICLNINQWL HITMWG</p>
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Product Details

Specificity:	Rattus norvegicus (Rat)
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:	CAPN11
Abstract:	CAPN11 Products
Background:	Recommended name: Calpain 11. EC= 3.4.22.-. Alternative name(s): Calcium-activated neutral proteinase 11. Short name= CANP 11
UniProt:	Q4V8Q1

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

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.