

Datasheet for ABIN7589639

CAPN13 Protein (AA 1-668) (His tag)



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Overview

Quantity:	100 µg
Target:	CAPN13
Protein Characteristics:	AA 1-668
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAPN13 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAHDTEALEE TSVVKFKNQD FRFLRDRCLS RGQLFIDDTF PAEASSIGQK LLMGKRLPKL</p> <p>EWKRPQDLSF GPPHFILEGA SRFDIQQGRA GDCWFLAALG SLTQNPQCLQ KILMNQSFSY</p> <p>QYAGIFHFRF WQCGQWVEV IDRLPVVGN NFCFVHPRRG NQEFWPCLME KAYAKLLGSY</p> <p>SQLHYGYLPD ALVDLTGGVV TRINLHSSPS DLLMVVKTAV QTGSMVACAT PKWLTEESEV</p> <p>MENGLVSQHA YTVTGAEKIQ YRRGWEEIIR LWNPWGNTEW RGRWGDGSQE WWETHGSRKS</p> <p>QLYENKDDGE FWMSCRDFHE NFSCLYICSQ FPITMDPGVT PNESWRQMRF KNQVISGNTA</p> <p>GGDGRDIQYL FDVQEPMDGN NVIVAFTVMP QSLKTEEWPF PLQFQVFKVD SQFQKFQKRL</p> <p>PPAFFSQFRD AAQGIDYVT RNFTKSFHLS PGTYVVVASA HGKEVEFLLR IFLKMPHKDR</p> <p>NPNSSFNLKA LKGSLESENES PKSSFHRYMD QGLDIDASQL QSLLNQEYLT GPPGDTFSLD</p> <p>QCQSIMALMD LKVNGRLDRE EFARLQSRLI HCQHVFQHIQ RSQGVLRSSD LWEVIESTDF</p> <p>LSGVLLSKEL LSLMTLRYSD SSGRLSFPSL VCFLIRLETM SKAFRNLSKD GKSIYLTME</p> <p>WMKLVMY</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:	CAPN13
Alternative Name:	Calpain-13 (Capn13) (CAPN13 Products)
Background:	Recommended name: Calpain-13. EC= 3.4.22.-. Alternative name(s): Calcium-activated neutral proteinase 13. Short name= CANP 13
UniProt:	Q5BK10

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.