antibodies

Datasheet for ABIN1629822 CAPN13 Protein (AA 1-668) (His tag)



Overview

Quantity:	1 mg
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:	MAHDTEALEE TSVVKFKNQD FRFLRDRCLS RGQLFIDDTF PAEASSIGQK LLMGKRLPKL
	EWKRPQDLSF GPPHFILEGA SRFDIQQGRA GDCWFLAALG SLTQNPQCLQ KILMNQSFSY
	QYAGIFHFRF WQCGQWVEVV IDDRLPVVGN NFCFVHPRRG NQEFWPCLME KAYAKLLGSY
	SQLHYGYLPD ALVDLTGGVV TRINLHSSPS DLLMVVKTAV QTGSMVACAT PKWLTEESEV
	MENGLVSQHA YTVTGAEKIQ YRRGWEEIIR LWNPWGNTEW RGRWGDGSQE WWETHGSRKS
	QLYENKDDGE FWMSCRDFHE NFSCLYICSQ FPITMDPGVT PNESWRQMRF KNQVISGNTA
	GGDGRDIQYL FDVQEPMDGN NVIVAFTVMP QSLKTEEWPF PLQFQVFKVD SQFQKFQKRL
	PPAFFSQFRD AAQGIDYVTK RNFTKSFHLS PGTYVVVASA HGKEVEFLLR IFLKMPHKDR
	NPNSSFNLKA LKGSLSENES PKSSFHRYMD QGLDIDASQL QSLLNQEYLT GPPGDTFSLD
	QCQSIMALMD LKVNGRLDRE EFARLQSRLI HCQHVFQHIQ RSQGVLRSSD LWEVIESTDF
	LSGVLLSKEL LSLMTLRYSD SSGRLSFPSL VCFLIRLETM SKAFRNLSKD GKSIYLTEME
	WMKLVMYS

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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, mammalien 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

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.
For Research Use only
Lyophilized
0.2-2 mg/mL
Tris-based buffer, 50 % glycerol

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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.