Datasheet for ABIN7583740

Calpain 6 Protein (CAPN6) (AA 1-641) (His tag)

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Overview

Quantity:	100 µg
Target:	Calpain 6 (CAPN6)
Protein Characteristics:	AA 1-641
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calpain 6 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGPPLKLFKN QKYQELKQDC MKDGRLFCDP TFLPENDSLF FNRLLPGKVV WKRPQDISDD PHLIVGNISN HQLIQGRLGN KAMISAFSCL AVQESHWTKA IPNHKEQEWD PRKPEKYAGI FRFRFWHFGE WTEVVIDDLL PTINGDLVFS FSTSMNEFWN ALLEKAYAKL LGCYEALDGL TITDIIMDFT GTLAEIIDMQ KGRYTDLVEE KYKLFGELYK TFTKGGLISC SIESPSQEEQ EVETDWGLLK GYTYTMTDIR KLRLGERLVE VFSTEKLYMV RLRNPLGRQE WSGPWSEISE EWQQLTVTDR KNLGLVMSDD GEFWMSLEDF CHNFHKLNVC RNVNNPVFGR KELESVVGCW TVDDDPLMNR SGGCYNNRDT FLQNPQYIFT VPEDGHKVIM SLQQKDLRTY RRMGRPDNYI IGFELFKVEM NRRFRLHHLY IQERAGTSTY IDTRTVFLSK YLKKGNYVLV PTMFQHGRTS EFLLRIFSEV PVQLRELTLD MPKMSCWNLA RGYPKVVTQI TVHSAEGLEK KYANETVNPY LTIKCGKEEV RSPVQKNTVH AIFDTQAIFY RRTTDIPIII QVWNSRKFCD QFLGQVTLDA DPSDCRDLKS LYLRKKGGPT AKVKQGHISF KVISSDDLTE L
Specificity:	Rattus norvegicus (Rat)

Product Details

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:	Calpain 6 (CAPN6)
Alternative Name:	Calpain-6 (Capn6) (CAPN6 Products)
Background:	Recommended name: Calpain-6
UniProt:	O88501

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