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Datasheet for ABIN1644443

Calpain 5 Protein (CAPN5) (AA 1-640) (His tag)

Overview

Quantity:	1 mg
Target:	Calpain 5 (CAPN5)
Protein Characteristics:	AA 1-640
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calpain 5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MF SCTKAYEY QNYSALKRAC LRRKVL FEPD HFPASDDSLY YKGT PGPTVR WKRPFDICDD PRLFVDGISS HDLHQGQVGN CWFVAACSSL ASRESLWQKV IPDWKEQEWN PEKPD SYAGI FHFNFWRFG E WVDVVDDRL PTVNNQLIYC HSN SKNEFWC APVEKAYAKL AGCYQALDGG NTADALVDFT GGVSEPIDLT EGD LATDEAK RSQLFERVLK VHSRGGLISA SIKAMTAADM ETRLACGLVK GHAYAVTDVR KVR LGHGLLA FFKSEKLD MI RLRNPWGERV WTGPWSDTSE EWQKVSKSER EKMGVT VQDD GEFWMTYEDM CRYFTDIKC RLINTSYLSI HKTWEEARLR GAWTRHEDPQ QNRSGGCINH KDTFFQNPQY IFEVKKPEDE VLICIQRPK RSTRREGKGE NLAIGFDIYK VEENRQYRMH SLQHKAASSI YINSRSVFLR TELPEGRYVI IPTTFEPGHT GELLRLRVFTD VPSNCRELRL DEPPRTCWSS LCGYPQQVTQ VHV LGAAGLK DSSTGANSYV IIKCEGEKVR SAVQRGTSTP EYNVKGIFYR KKLSQPITVQ VWN NRVLKDE FLGQVHLKTA PDDLQDLHSL HLQDRSGRQP SDLP GIVAVR VLCSASLTAV
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	Calpain 5 (CAPN5)
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Alternative Name:	Calpain-5 (Capn5) (CAPN5 Products)
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Background:	Recommended name: Calpain-5. EC= 3.4.22.-
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UniProt:	Q8R4C0
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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.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	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
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Storage:	-20 °C
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Handling

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