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Datasheet for ABIN1653302

CAPN10 Protein (AA 1-666) (His tag)

Overview

Quantity:	1 mg
Target:	CAPN10
Protein Characteristics:	AA 1-666
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAPN10 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MRAVRAETRA RELFRDAAFP ASDSSLFYNL STPLAQFRED ITWRRPQDIC ATPQLFPDNP WEGQVKQGLL GDCWFLCACA ALQKSRHLLD QVFPPGQPGW SDQEYQGFFT CRIWQFGHWE EVTIDRLPC LAGRLCFSRC QREDVFWLPL LEKAYAKVHG SYEHLWAGQV ADALVDLTGS LAERWSLKDI RKASGQQDRP SGGEHRACQQ LLRLKDQCLL SCSVLSPRAG ARELGEFHAF IISDLQELRS QTGGQILLR IHNPWGRRCW QGLWREGGEG WNQVEPAKES ELLAQLQEGE FWVEEEFLR EFDEVITIGYP VTEAGHLQSL YTEKVLCHTR ALPGAWVTGQ SAGGCRNNSC FPCNPKFWLR LLEPSEVCVA VLQRPRRLV GQTRALAGAS PAPVNLPGKD YQAVGLHIWK VEKRKISLPR VLSAPPVAGT ACHAYDREIH LRCELSPGY Y LAVPSTFLKD VPGQFLLRVF STGKISLSAV RLATKGASPG AALPAGEWET VQLQGSWRAG QTAGGSRNFA SYPCNPCLPF SVPEGAGPRY IRITLQQHCR LSDSQLHPIG FHFVQVPADG EKQDACSLLL QEPLLSCVPH CYAQEVSRLC LLSAGNYRIV PSTYLPDTEG TFTVTIATRI DRQSIHSQEM LGQLLQEVSF MAVMKA</p>
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:	CAPN10
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Alternative Name:	Calpain-10 (Capn10) (CAPN10 Products)
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Background:	Recommended name: Calpain-10. EC= 3.4.22.-. Alternative name(s): Calcium-activated neutral proteinase 10. Short name= CANP 10
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UniProt:	Q9ES66
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Pathways:	Positive Regulation of Peptide Hormone Secretion
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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

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.