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Datasheet for ABIN1475510  
**Calpain 9 Protein (CAPN9) (AA 1-690) (His tag)**

Overview

Quantity:	1 mg
Target:	Calpain 9 (CAPN9)
Protein Characteristics:	AA 1-690
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calpain 9 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MPYLHRSLRP QPQPVPDRAR TVHSSGHSFE QLRQSCLOSG TLFEDADFPASNSSLFYSER  
 PQVPFVWKRPEIVENPEFILLGGATRTDIC QGELGDCWLLAAIASLTLNQ KALARVVPQD  
 QGFGSGYAGIFHFQFWQHSE WLDVVIDDRLPTFRDRLVFLHSADHNEFWSALLEKAYAKL  
 NGSYEALKGGSAIEAMEDFTGGVAENFQIREAPEDFYEILEKALRRGSLLGCSIDTLNAS  
 ESEARTPLGLIKGHAYVTGLDQVNFHGQR IKLIRVRNPW GQVEWNGPWS DSSPEWRSMS  
 LEEQKRLGHTALDDGEFWMA FEDFKTHFDK VEICNLTPDA LEDNTLHKWEVTIHQGSWVR  
 GSTAGGCRNFLDTFWTNPQIKLSLTERDEG QEGCTFLAAL MQKDRRRLKRFGANMLTIGY  
 AIYQCPDKDGHLNRDFFRYH ASLARSKTFI NLREVSGRFQLPPGDYILIPSTFEPHQEAD  
 FCLRIFSEKKAVTQDLDENIDIDLPELPPKTPQEEETEEE RQFRALFRRI AGEDMEVSAE  
 ELEYVNAVLQKKTALKFKRLSLLSCRNII SLMDTSGNGKMEFEEFRVFWDKLRYWMDLFL  
 LQFDVDKSGTMSSYELRTALKAAGFQLGSHLLQLIVLRYADENLQLDFDDYLNCLVRLLEN  
 ASRVFQCLSVKNKDFIHLNINEFINLTMNI

## Product Details

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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

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Target:	Calpain 9 (CAPN9)
Alternative Name:	Calpain-9 (Capn9) ( <a href="#">CAPN9 Products</a> )
Background:	Recommended name: Calpain-9. EC= 3.4.22.-. Alternative name(s): Digestive tract-specific calpain New calpain 4. Short name= nCL-4
UniProt:	<a href="#">O35920</a>

## Application Details

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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

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Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

## Handling

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