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Datasheet for ABIN1458515  
**Coq7 Protein (AA 1-187) (His tag)**

### Overview

Quantity:	1 mg
Target:	Coq7
Protein Characteristics:	AA 1-187
Origin:	C. elegans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Coq7 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MFRVITRG AH TAASRQALIE KIIRVDHAGE LGADRIYAGQ LAVLQGSSVG SVIKKMWDEE KEHLDTMERL AAKHNVPHTV FSPVFSVAAY ALGVGSALLG KEGAMACTIA VEELIGQHYN DQLKELLADD PETHKELLKI LTRLRDEELH HHDTGVEHDG MKAPAYSALK WIIQTGCKGA IAIAEKI
Specificity:	Caenorhabditis elegans
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

Target:	Coq7
Alternative Name:	Ubiquinone biosynthesis protein COQ7 homolog (clk-1) ( <a href="#">Coq7 Products</a> )

## Target Details

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Background: Recommended name: Ubiquinone biosynthesis protein COQ7 homolog.  
Alternative name(s): Clock abnormal protein 1.  
Short name= Protein clk-1

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UniProt: [P48376](#)

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Pathways: [Tube Formation](#)

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## 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.

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Restrictions: For Research Use only

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## Handling

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

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