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Datasheet for ABIN1504947  
**CTU2 Protein (AA 1-366) (His tag)**

### Overview

Quantity:	1 mg
Target:	CTU2
Protein Characteristics:	AA 1-366
Origin:	Aspergillus niger
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTU2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MPGKELPDRC MNCHEAEPAF LLRERHVCQE CYIRFLNFKP FRRMERYRLR RNMPQTGPCK LLLPLSYGVS STVLLHMLHR QLEALRSKKH GPAGFEILVL VVEPSTISPV PPHEEGFALA QQTFFPLCSFT RLPFHSIFEL DPDVHQIMSQ YAGEHFTDDT SLSDEERLNR FRRSITTATS KSDVDQILLN KLVVAFAKKM ECRGIVWGDS DSKLAAKTLA NVAKGRGSAV TWQVCDGMSP FGLEFNFPLR DVFTAERTY ATLFPELAGI IVHDEPPSEN TLTKNLSIDE LMIRYVSTQG EKYPGVMLNV TRTASKLQSS GTSIGGLQCN FCGAFMTTNE NITGEQGNEQ LQFCYACARS QPELSC
Specificity:	Aspergillus niger (strain CBS 513.88 / FGSC A1513)
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:	CTU2
Alternative Name:	Cytoplasmic tRNA 2-Thiolation Protein 2 (Ncs2) ( <a href="#">CTU2 Products</a> )
Background:	Recommended name: Cytoplasmic tRNA 2-thiolation protein 2
UniProt:	<a href="#">A2R475</a>

## Application Details

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Comment:	<p>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.</p>
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 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.