

Datasheet for ABIN7583682  
**CTU2 Protein (AA 1-493) (His tag)**



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## Overview

Quantity:	100 µg
Target:	CTU2
Protein Characteristics:	AA 1-493
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTU2 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MECQRCPASA RNPATVESRK EKFCDECFIK FVSTKQRKQM MKDEYFRNLF KVIYPFEKEG SVSKILLPLS HSDSGSLVML DIVHDLLEQ TKQHNNRTGF TVDVLTVFTE ENVSVIKERM ESLINEKMSQ LNKISNIFNV HFIDVNEFFN NASEVSTFII DNENFEIFSK SKSVDDSNIL TLKEILGKYC LNNSSRSDLI SIIKTQLIKH FAYENGYNAL MWGHSMTKLS EVIISLVVKG KGSQIATFLD SESFDTLNNK PCKYKNLYPM KDLLSVEIES FLQIRNLAQF LINVEETNVK PNCLIARKSL PSLGQQKLVK NMTINEITNK YFQDIQNDYS NIISTVLRTA DKLTQPKSSM AKPSQCQICQ SKIYTNPSNW LNRITVTSPY PVETTEEKYL FKQWQDSKLG QSHTHYVELL NEIKQGASNS LDVEDGDVKL CYGCLILLNT SIKDKNLVWP KVDTMDITAN ATNKNKELSQ ILDQFEINSD GEE
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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.

## Product Details

Purity: > 90 %

## Target Details

Target: CTU2

Alternative Name: Cytoplasmic tRNA 2-Thiolation Protein 2 (NCS2) ([CTU2 Products](#))

Background: Recommended name: Cytoplasmic tRNA 2-thiolation protein 2.  
Alternative name(s): Needs CLA4 to survive protein 2 Thiolation of uridine in cytoplasmic tRNA protein 2

UniProt: [P53923](#)

## 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.

Restrictions: For Research Use only

## Handling

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.