

Datasheet for ABIN7583681  
**CTU2 Protein (AA 1-458) (His tag)**



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## Overview

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Quantity:                     | 100 µg                                      |
| Target:                       | CTU2                                        |
| Protein Characteristics:      | AA 1-458                                    |
| Origin:                       | Arabidopsis thaliana                        |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This CTU2 protein is labelled with His tag. |
| Application:                  | ELISA                                       |

## Product Details

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|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | <p>MACNSSGCES GCYDREKDNG SKIVDDAVSG GGNHESVCVK CKCNAPMTFG DGGFDDGRFC</p> <p>ADCFRNNVFG KFR LAVTSHA MITPSDNVLV AFSGGSSSRV SLQFVHELQI KALKNYEASR</p> <p>DRSLPVFGVG VAFVDETA AF PALSTEMIDA IEWVRYTVSC LSPPAKDLHV VPVESIFGSD</p> <p>SLDARDRLK LLDSPDDTG KEDLLLHLKM LSLQKVAAEN GYNRLVLGSC TSRIASHVLT</p> <p>ATVKGRGYSL SADIQHVDAR WKVPIVPLR DCVRLEITRL CLLDGLKTVE LACRSQCGIN</p> <p>DLVSSFVALL QEENPSRECT IVRTAAKLTP FYFNKIPETD DSNVPMATQR RLKRFNLKYD</p> <p>GSMTTEAFCP ICNGPLNRSD SSELDTFEEG QESDVLAAAC CSSCRFQILP QDGSSLEQFS</p> <p>SFLPDHMISQ VKHQKVDSQA YLREKIKDCL LLDDEEVV</p> |
| Specificity:     | Arabidopsis thaliana (Mouse-ear cress)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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

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Purity: > 90 %

## Target Details

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Target: CTU2

Alternative Name: Cytoplasmic tRNA 2-thiolation protein 2 (CTU2) ([CTU2 Products](#))

Background: Recommended name: Cytoplasmic tRNA 2-thiolation protein 2

UniProt: [O65628](#)

## 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 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.