

Datasheet for ABIN1634676

## CALCOCO2 Protein (AA 1-470) (His tag)



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### Overview

Quantity:	1 mg
Target:	CALCOCO2
Protein Characteristics:	AA 1-470
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CALCOCO2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MASDAPPTSM LQPEERNYSQ VVFSRVEQSY VPGIDIICYF TYTSGFHPAK KDWVGIFKVS</p> <p>WKTTRREYYTW VSADCEEQGL EKRVTFKAYY LPKESDDYYQ FCYVDQKGEV RGVSIQFQLC</p> <p>RKIQDEGEED ILLVTTEEEA QGMKEKQRLV EEKVAALEKD KCTLQDECTQ LALEQKNKAA</p> <p>LIESLQAQQL ECAKKNEELD QQNQELERQL EEEKCKNGSL HLKVVSAEEE RERVQNDIRS</p> <p>LQLEQNQLKE ENMELHKHTN DMEFSLKKYS EEAKNQEEEV QELKDKLWDA EAKHHLLQVQ</p> <p>LQDIQMEKKK DKYSIELLTK EAEKVADLRQ NLEKKDKTME TMEKQLAQLQ RENATVLRQM</p> <p>EDLSYTLRLR KAEISDMQQQ RVRDGAIEIH LNRLLTEQSS STPRNQGLFF QNPYESESLI</p> <p>SFANEPQPG EAPGGSSVRHV QMQCPEGSE FENFQVFQDH IFCHDLESTE</p>
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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: CALCOCO2

Alternative Name: Calcium-binding and coiled-coil domain-containing protein 2 (calcoco2) ([CALCOCO2 Products](#))

Background: Recommended name: Calcium-binding and coiled-coil domain-containing protein 2

UniProt: [Q6DF48](#)

## 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.