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Datasheet for ABIN1460996

## CALCOCO2 Protein (AA 1-450) (His tag)

### Overview

Quantity:	1 mg
Target:	CALCOCO2
Protein Characteristics:	AA 1-450
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CALCOCO2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MEETVDDPPT SAVLLDHCHF SQVIFNSVEK FYIPGGDITC YYLTQHFIP RRKDWIGIFR VGWKTREYY TFMWVTL PVD LNSESAKQQE VQFKAYYLPK DDEYYQFCYV DQDGVVRGAS IPFQFRPENE EDILVTTQS EEEIEQH NK ELCKENRELK DSCVSLQKQN SDMQATLQKK QEELETLSI NKKLEQTMKE QKDCWEIELL QLKEQNQKMS SENEKMGVRV DQLQAQLSNQ GREMEKLVQG VQDKTEQLEH LKEENGQLFL SLTEQREHQB KLEQTVEEMK QKETTAACKQ QELTDQNMDL SKRLSENMI HDVLQREKEK MEKENDYLKR ENNRLLSYMG LDCDSLQSYQV PTSNQGGTRQ DPGLVFGNPY SGIQESSAPS LLSIKKCPTC KSDFAAADVFD HNLALEQHLQ TSLNCPICD KTFPAKEKQI FEDHVFCHTL
Specificity:	Bos taurus (Bovine)
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: 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.  
Alternative name(s): Nuclear domain 10 protein NDP52.  
Short name= Nuclear domain 10 protein 52

UniProt: [018737](#)

## 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

## Handling

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