antibodies

## Datasheet for ABIN1629601 CALCOCO2 Protein (AA 1-398) (His tag)



Overview	
Quantity:	1 mg
Target:	CALCOCO2
Protein Characteristics:	AA 1-398
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CALCOCO2 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MEKTIEDPPT SAVLLDHCHF SQVIFNSVEK FYIPGGDVTC RYTFTQNFIP RQKDWIGIFR
	VGWKTVREYY TFMWVTLPID LNNKSAKQQE VQFKAYYLPK DDEYYQFCYV DQDGVVRGAS
	IPFQFRPENE EDILVVTTQG EVEEIEQHNK ELCKENQELK DSCVSLQKQN SDMQAELQKK
	QEELETLQSI NKKLELKVKE QKDYWETEQL EHLKKENGHL FLSLTEQRKD QKKLEQTVEE
	MKQNETTAMK KQQELMDENF DLSRRLSEKK MIYNALQREK ERLEGENDLL KRENSRLLSY
	MGLDFNSLPY QVPTSDEGGA GQNPGLVYGN PYSGIQESSS PSQLSIKKCP ICKADDICDH
	TLEQQQMQAL CLNCPICDKI FPATEKQIFE DHVFCHSL
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

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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:	Q4R914

## 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 modificated 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.