

## Datasheet for ABIN1458570 CDC42 Protein (AA 1-188) (His tag)



Overview Quantity: 1 mg CDC42 Target: Protein Characteristics: AA 1-188 Candida albicans Origin: Yeast Source: Protein Type: Recombinant Purification tag / Conjugate: This CDC42 protein is labelled with His tag. Application: ELISA **Product Details** Sequence: MQTIKCVVVG DGAVGKTCLL ISYTTSKFPA DYVPTVFDNY AVTVMIGDEP FTLGLFDTAG QEDYDRLRPL SYPSTDVFLV CFSVISPASF ENVKEKWFPE VHHHCPGVPI IIVGTQTDLR NDDVILQRLH RQKLSPITQE QGEKLAKELR AVKYVECSAL TQRGLKTVFD EAIVAALEPP VIKKSKKC Specificity: Candida albicans (strain SC5314 / ATCC MYA-2876) (Yeast) 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 % **Target Details** Target: CDC42

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Target Details	
Alternative Name:	Cell division control protein 42 homolog (CDC42) (CDC42 Products)
Background:	Recommended name: Cell division control protein 42 homolog
UniProt:	P0CY33
Pathways:	MAPK Signaling, Microtubule Dynamics, RTK Signaling, WNT Signaling, TCR Signaling, EGFR
	Signaling Pathway, Regulation of Actin Filament Polymerization, Regulation of Muscle Cell
	Differentiation, Cell-Cell Junction Organization, Maintenance of Protein Location, Skeletal
	Muscle Fiber Development, Signaling Events mediated by VEGFR1 and VEGFR2, EGFR
	Downregulation, VEGF Signaling
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.

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