

Datasheet for ABIN1640217
CFD1 Protein (AA 1-304) (His tag)



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Overview

Quantity:	1 mg
Target:	CFD1
Protein Characteristics:	AA 1-304
Origin:	Neurospora crassa
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CFD1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSLAKVKHIV LVLSGKGGVG KSSVTTQLAL SLSLAGHSVG VLDVDLTGPS IPRMFGIEDA KVTQAPGGWL PITVHEADPS AGVGSLRVMS LGFLLPKRGD AVVWRGPKKT AMVRQFLSDV FWDETDYLLI DTPPGTSDEH ISLAENLLQK ARPGQLAGAV VVTTPQAVAT ADVRKELNFC TKTNIRVLGV VENMCGFVCP NCSECTNIFM SGGGEVMAND FGVRFLGRVP IDPQFLVLIE TGKRPTYPAG TTVDGKDIST PAGASTSEEE EVKDGSLRVH KYKDCSLAPI FSKITADVIS AVQQ
Specificity:	Neurospora crassa (strain ATCC 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987)
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.
Purity:	> 90 %

Target Details

Target:	CFD1
Alternative Name:	Cytosolic Fe-S cluster assembly factor CFD1 (cfd-1) (CFD1 Products)
Background:	Recommended name: Cytosolic Fe-S cluster assembly factor CFD1. Alternative name(s): Cytosolic Fe-S cluster-deficient protein 1
UniProt:	Q8X0F1

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.