Datasheet for ABIN1672600

Carkd Protein (AA 1-368) (His tag)

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Overview

Quantity:	1 mg
Target:	Carkd
Protein Characteristics:	AA 1-368
Origin:	Ajellomyces capsulata
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Carkd protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSPSKKLLA NVRRIVPPML ERFHKGQLGR VAVIGGSAEC APHISLQWHL QGLSHVICEP SSATVIKSYS PNLMVHPILQ SSNTVSSFSN SPLPHPHARA LAEPVLSFLS RLHVLVIGPG LGRDPVTQEI VTEIIKEARS REIPLVLDAD ALLLVQEHPD LIHGYTECIL TPNVVEFARL AKALRADVSS MPDSDAGKSE ACKRLSNALG GVTIIQKGPH DTISNGMVNI VCDVRGGLKR SGGQGDTLTG SLGTLLAWRK AYHEGLWDTG ESEASGGREL SRQDIEEDLS ICGYESGDDG ERDGDKPKKK LSRPATLLLV AWAGSAITRE CSRRAFMAKG RSMQASDLTD EVHGSFLDLI GEPEGTKL
Specificity:	Ajellomyces capsulata (strain G186AR / H82 / ATCC MYA-2454 / RMSCC 2432) (Darlings disease fungus) (Histoplasma capsulatum)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	Carkd
Alternative Name:	ATP-dependent (S)-NAD (P)H-hydrate dehydratase (Carkd Products)
Background:	Recommended name: ATP-dependent (S)-NAD(P)H-hydrate dehydratase. EC= 4.2.1.93. Alternative name(s): ATP-dependent NAD(P)HX dehydratase
UniProt:	C0NFV9

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.