Datasheet for ABIN7590799

KING1 Protein (AA 1-424) (His tag)

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Overview

Quantity:	100 µg
Target:	KING1
Protein Characteristics:	AA 1-424
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KING1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MATVPEIKIM RSESLGHRSD VSSPEAKLGM RVEDLWDEQK PQLSPNEKLN ACFESIPVSA FPLSSDSQDI EIRSDTSLAE AVQTLSKFKV LSAPVVDVDA PEDASWIDRY IGIVEFPGIV VWLLHQLEPP SPRSPAVAAS NGFSHDFTTD VLDNGDSAVT SGNFFEVLTS SELYKNTKVR DISGTFRWAP FLALQKENSF LTMLLLLSKY KMKSIPVVDL GVAKIENIIT QSGVIHMLAE CAGLLWFEDW GIKTLSEVGL PIMSKDHIIK IYEDEPVLQA FKLMRRKRIG GIPVIERNSE KPVGNISLRD VQFLLTAPEI YHDYRSITTK NFLVSVREHL EKCGDTSAPI MSGVIACTKN HTLKELILML DAEKIHRIYV VDDFGNLEGL ITLRDIIARL VHEPSGYFGD FFDGVMPLPE NYRV
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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:	KING1
Alternative Name:	SNF1-related protein kinase regulatory subunit gamma-1 (KING1) (KING1 Products)
Background:	Recommended name: SNF1-related protein kinase regulatory subunit gamma-1. Short name= AKIN subunit gamma-1. Short name= AKING1. Short name= AKINgamma1. Alternative name(s): CBS domain-containing protein CBSCBS1
UniProt:	Q8LBB2

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.