Datasheet for ABIN1591071

Thiazole Biosynthetic Enzyme (THI1) (AA 52-356) protein (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	Thiazole Biosynthetic Enzyme (THI1)
Protein Characteristics:	AA 52-356
Origin:	Orange
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	ASASPPYDL NTFKFDPIKE SIVSREMTRR YMTDMITYAD TDVVVVGAGS AGLSCAYELS KNPNIQIAII EQSVSPGGGA WLGGQLFSAM VVRKPAHIFL DELGIDYDEQ DNYVVIKHAA LFTSTIMSKL LARPNVKLFN AVAAEDLIVK GGRVGGVVTN WALVSMNHDT QSCMDPNVME AKVVVSSCGH DGPFGATGVK RLKSIGMIEE VPGMKALDMN SAEDAIVRLT REVVPGMIVT GMEVAEIDGA PRMGPTFGAM MISGQKAAHL ALKSLGQPNA LDGTYVGGVH PELILAAADS AETADA
Specificity:	Citrus sinensis (Sweet orange) (Citrus aurantium var. sinensis)
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:	Thiazole Biosynthetic Enzyme (THI1)
Alternative Name:	Thiamine thiazole synthase, chloroplastic (THI1) (THI1 Products)
Background:	Recommended name: Thiamine thiazole synthase, chloroplastic. Alternative name(s): Thiazole biosynthetic enzyme
UniProt:	O23787
Pathways:	Cellular Glucan Metabolic Process, Proton Transport

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.