Datasheet for ABIN1667845

ABI4 Protein (AA 1-328) (His tag)

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Overview

Quantity:	1 mg
Target:	ABI4
Protein Characteristics:	AA 1-328
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABI4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDPLASQHQH NHLEDNNQTL THNNPQSDST TDSSTSSAQR KRKGKGGPDN SKFRYRGVRQ RSWGKWVAEI REPRKRTRKW LGTFATAEDA ARAYDRAAVY LYGSRAQLNL TPSSPSSVSS SSSSVSAASS PSTSSSSTQT LRPLLPRPAA ATVGGGANFG PYGIPFNNNI FLNGGTSMLC PSYGFFPQQQ QQQNQMVQMG QFQHQQYQNL HSNTNNNKIS DIELTDVPVT NSTSFHHEVA LGQEQGGSGC NNNSSMEDLN SLAGSVGSSL SITHPPPLVD PVCSMGLDPG YMVGDGSSTI WPFGGEEEYS HNWGSIWDFI DPILGEFY
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:	ABI4
Abstract:	ABI4 Products
Background:	Recommended name: Ethylene-responsive transcription factor ABI4. Short name= ERF ABI4. Alternative name(s): Protein ABSCISIC ACID INSENSITIVE 4 Protein GLUCOSE INSENSITIVE 6 Protein IMPAIRED SUCROSE INDUCTION 3 Protein SALOBRENO 5 Protein SUCROSE UNCOUPLED 6 Protein SUGAR INSENSITIVE 5
UniProt:	A0MES8

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.