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Datasheet for ABIN1651576
ABI5 Protein (AA 1-442) (His tag)

Overview

Quantity:	1 mg
Target:	ABI5
Protein Characteristics:	AA 1-442
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABI5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MVTRETKLTS EREVESSMAQ ARHNGGGGGE NHPFTSLGRQ SSIYSLTLDE FQHALLCENGK NFGSMNMDEF LVSIWNAEEN NNNQQQAAAA AGSHSV PANH NGFNNNNNNG GEGGVGVFSG GSRGNEDANN KRGIANESSL PRQGSLTLPA PLCRKTVDEV WSEIHRGGGS GNGGDSNGRS SSSNGQNNAQ NGGETAARQP TFGEMTLEDF LVKAGVVREH PTNPKPNPNP NQNQNPSVI PAAAQQQLYG VFQGTGDP SF PGQAMGVGDP SGYAKRTGGG GYQQAPPVQA GVCYGGGVGF GAGGQQMGMV GPLSPVSSDG LGHGQVDNIG GQYGVDMGLR RGRKRVDGP VEKVERRQR RMIKNRESAA RSRARKQAYT VELEAELNQL KEENAQLKHA LAELERKRKQ QYFESLKSRA QPKLPKSNGR LRTL MRNPSC PL
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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.

Product Details

Purity: > 90 %

Target Details

Target: ABI5

Abstract: [ABI5 Products](#)

Background: Recommended name: Protein ABSCISIC ACID-INSENSITIVE 5.
Alternative name(s): Dc3 promoter-binding factor 1.
Short name= AtDPBF1 Protein GROWTH-INSENSITIVITY TO ABA 1 bZIP transcription factor 39.
Short name= AtbZIP39

UniProt: [Q9SJN0](#)

Pathways: [Response to Water Deprivation](#)

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

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.