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Datasheet for ABIN5711873

## ABI5 Protein (AA 1-442, full length) (His-SUMO Tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	ABI5
Protein Characteristics:	full length, AA 1-442
Origin:	Arabidopsis thaliana
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABI5 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

#### 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 VFQGTGDPSP PGQAMGVGDP SGYAKRTGGG GYQQAPPVQA GVCYGGGVGF GAGGQQMG MV GPLSPVSSDG LGHGQVDNIG GQYGVDMGL RGRKRVDGP VEKVERRQR RMIKNRESAA RSRARKQAYT VELEAELNQL KEENAQLKHA LAELERKRKQ QYFESLKSRA QPKLPKSNGR LRTL MRNPSC PL
Purification:	SDS-PAGE
Purity:	> 90 %

## Target Details

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Target:	ABI5
Alternative Name:	ABI5 ( <a href="#">ABI5 Products</a> )
Background:	Participates in ABA-regulated gene expression during seed development and subsequent vegetative stage by acting as the major mediator of ABA repression of growth. Binds to the bryo specification element and the ABA-responsive element (ABRE) of the Dc3 gene promoter and to the ABRE of the 1 and 6 genes promoters. Can also trans-activate its own promoter, suggesting that it is autoregulated. Plays a role in sugar-mediated senescence
Molecular Weight:	63 kDa
UniProt:	<a href="#">Q9SJN0</a>
Pathways:	<a href="#">Response to Water Deprivation</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



**SDS-PAGE**

**Image 1.**