

Datasheet for ABIN7591081

Fertilization-Independent Endosperm Protein (AA 1-369) (His tag)



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Overview

Quantity:	100 µg
Target:	Fertilization-Independent Endosperm (FIE)
Protein Characteristics:	AA 1-369
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Fertilization-Independent Endosperm protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSKITLGNES IVGSLTPSNK KSYKVTNRIQ EGKKPLYAVV FNFLDARFFD VFVTAGGNRI TLYNCLGDGA ISALQSYADE DKEESFYTVS WACGVNGNPY VAAGGVKGII RVIDVNSETI HKSLVGHGDS VNEIRTQPLK PQLVITASKD ESVRLWNVET GICILIFAGA GGHRYEVLVS DFHPSDIYRF ASCGMDTTIK IWSMKEFWTY VEKSFTWTDD PSKFPTKFBVQ FPVFTASIHT NYVDCNRWFG DFILSKSVDN EILLWEPQLK ENSPGEGASD VLLRYPVPMC DIWFIKFSCD LHLSSVAIGN QEGKVYVWDL KSCPPVLITK LSHNQSKSVI RQTAMSVDGS TILACCEDGT IWRWDVITK
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.
Purity:	> 90 %

Target Details

Target:	Fertilization-Independent Endosperm (FIE)
Abstract:	FIE Products
Background:	Recommended name: Polycomb group protein FERTILIZATION-INDEPENDENT ENDOSPERM. Alternative name(s): Protein FERTILIZATION-INDEPENDENT SEED 3
UniProt:	Q9LT47

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