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## Datasheet for ABIN1654002 **ACTR3 Protein (AA 1-427) (His tag)**

### Overview

Quantity:	1 mg
Target:	ACTR3
Protein Characteristics:	AA 1-427
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACTR3 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MDPTSRPAIV IDNGTGYTKM GFAGNVEPCF ILPTVVAVNE SFLNQSKSSS KATWQTQHNA GVAADLDFYI GDEALAKSRS SSTHNLHYPI EHGQVEDWDA MERYWQQCIF NYLRCDPEDH YFLLTESPLT PPESREYTGE ILFETFNVPG LYIAVNSVLA LAAGYTTSKC EMTGVVVDVG DGATHVVPVA EGYVIGSCK SIPIAGKDV LFIQQLMRER GENIPPEDSF DVARKVKEMY CYTCSDIVKE FNKHDKEPAK YIKQWKGVPK KTGAPYTCDV GYERFLGPEV FFNPEIYSND FTTTLPAVID KCIQSAPIDT RRALYKNIVL SGGSTMFKDF GRRLQRDLKK IVDARVLANN ARTGGEITSQ PVEVNVVSHV VQRFVWFGG SVLSSTPEFF ASCRTKEEYE EYGASICRTN PVFKGMY
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: ACTR3

Alternative Name: Actin-related protein 3 (ARP3) ([ACTR3 Products](#))

Background: Recommended name: Actin-related protein 3.  
Alternative name(s): Protein DISTORTED TRICHOMES 1

UniProt: [Q9SAF1](#)

Pathways: [RTK Signaling, Regulation of Actin Filament Polymerization](#)

## 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.