

# Protein ABIL1 (ABIL1), Recombinant Protein

Cat RP05105

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)  
Species Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Protein ABIL1 (ABIL1)

## Product Gene Name

ABIL1 recombinant protein

## Product Synonym Gene Name

ABIL1

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

METEISGMDN PAMTLDEVSM ERNKSFVKAL QELKNLRPQL YSAADYCEKS YLHSEQKQMV LDNLKDYTVK  
ALVNAVDHLG TVASKLTDLF DHQNSDISTM EMRASCVSQQ LLTCRTYIDK EGLRQQQLLA VIPLHHKHYI  
LPNSVNRKVH FSPLRRTDTR QNHQQAISRL QPSDAPASKS LSWHLGSETK STLKGTSTVA PSSKDSKAFS  
KTSGVFHLLG DDENIANKKP LAGSQVSGVP AASTAHKDLE VPKLLTAHRS LDNNPRREII QAPVRTKSVL  
SAFFVKQKTP KLKAGYVS

## Sequence Positions

1-298, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

33,196 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

Protein

## NCBI Accession #

NP\_566067.1

## NCBI GI #

18407012

## NCBI GenBank Nucleotide #

NM\_130185.3

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat      *RP05105*

Size      0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg  
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg  
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-  
Cell)

## NCBI GeneID

819230

## NCBI Official Full Name

ABI-1-like 1

## NCBI Official Symbol

ABIL1

## NCBI Official Synonym Symbols

ABI-1-like 1

## NCBI Protein Information

ABI-1-like 1

## NCBI Summary

Encodes a subunit of the WAVE complex. The WAVE complex is required for activation of ARP2/3 complex which functions in actin microfilament nucleation and branching. One of four ABI-like proteins.

## UniProt Gene Name

ABIL1

## UniProt Synonym Gene Names

AtABIL1

## UniProt Protein Name

Protein ABIL1

## UniProt Synonym Protein Names

Abl interactor-like protein 1; AtABIL1

## UniProt Primary Accession #

Q8S8M5

## UniProt Secondary Accession #

Q8GWF6

## UniProt Related Accession #

Q8S8M5

## UniProt Comments

Involved in regulation of actin and microtubule organization. Part of a WAVE complex that activates the Arp2/3 complex .

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