

# Protein ABIL2 (ABIL2), Recombinant Protein

Cat RP05070

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-  
Arabidopsis thaliana (Mouse-ear cress)  
Cell)

## Species

## Full Product Name

Recombinant Arabidopsis thaliana Protein ABIL2 (ABIL2)

## Product Gene Name

ABIL2 recombinant protein

## Product Synonym Gene Name

ABIL2

## Purity

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

## Sequence

MPASHEASNY DEVSMQQSML FSDGLQDLKN LRAQLYSAAE YFELSYTTDD KKQIVVETLK DYAVKALVNT  
VDHLGSVTYK VNDFIDEKVD EVSETELRVS CIEQRLRMCC EYMDHEGRSQ QSLVIDTPKF HKRYILPAGE  
IMTATNLEKL KYFGSSLEDA DDWNQFRNAV RATIRETPPP PVRKSTSQSS SPRQPPQRSA TFSFTSTIPK  
KEQDKRSVSP HRFPLLRSGS VATRKSASIS RPTTPSKSRS ITPIRYPSEP RRSASVRVAF EKDNQKETEQ  
QQPSKSKRLL KALLSRRKTK KDDTLYTFD EY

## Sequence Positions

1-312, 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

20,449 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\_001030832.1

## NCBI GI #

79314626

## NCBI GenBank Nucleotide #

NM\_001035755.2

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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(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

824090

## NCBI Official Full Name

ABL interactor-like protein 2

## NCBI Official Symbol

ABIL2

## NCBI Official Synonym Symbols

ABL interactor-like protein 2

## NCBI Protein Information

ABL interactor-like protein 2

## NCBI Summary

One of four ABI-like proteins.

## UniProt Gene Name

ABIL2

## UniProt Synonym Gene Names

AtABIL2

## UniProt Protein Name

Protein ABIL2

## UniProt Synonym Protein Names

Abl interactor-like protein 2; AtABIL2

## UniProt Primary Accession #

Q9M3A3

## UniProt Secondary Accession #

Q8GXQ1

## UniProt Related Accession #

Q9M3A3

## 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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