

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

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

METEISGMNDN PAMTLDEVSM ERNKSFKAL QELKNLRPQL YSAADYCEKS YLHSEQKQMV LDNLKDYTVK
ALVNAVDHLG TVASKLTDLF DHQNSDISTM EMRASCVSQQ LLTCRTYIDK EGLRQQQLLA VIPLHHKHYI
LPNSVNKR VH FSPLRLRTDTR QNHYQAISRL QPSDAPASKS LSWHLGSETK STKGSTV A PSSKDSKA
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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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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