

BON1-associated protein 1 (BAP1), Recombinant Protein

Cat *RP01990*

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 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 BON1-associated protein 1 (BAP1)

Product Gene Name

BAP1 recombinant protein

Product Synonym Gene Name

BAP1

Purity

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

Sequence

MIYFGRSIDN HYTTMMTKTL EIDLRSAEGL KLNRRPIKKK TFAVVKIDEK CRKSNLDESR RSNPTWNYKS
EMPINGNEQF IFIEVFYRTG SGHDKKIGEA KIPTNDFMGR YSPEGHLNFL SYRLRDEFDGD KCGIVNLSIL
VKSDPTRDYG ACSSQAAVTG LWRPRLETAS IDGYGGRTVT GVPVWGLYQR QF

Sequence Positions

1-192, 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

21,992 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

BON1-associated protein

NCBI Accession

NP_001190150.2

NCBI GI

1063708369

NCBI GenBank Nucleotide

NM_001203221.2

NCBI GeneID

825291

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

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

NCBI Official Full Name

BON association protein 1

NCBI Official Symbol

BAP1

NCBI Official Synonym Symbols

BON association protein 1

NCBI Protein Information

BON association protein 1

NCBI Summary

Encodes a protein with a C2 domain that binds to BON1 in yeast two hybrid analyses. Its ability to bind to phospholipids is enhanced by calcium ions. Involved in maintaining cell homeostasis.

UniProt Gene Name

BAP1

UniProt Protein Name

BON1-associated protein 1

UniProt Primary Accession

Q941L2

UniProt Secondary Accession

Q8LBT3; Q9M2E5

UniProt Related Accession

Q941L2

UniProt Comments

Negative regulator of cell death and defense responses. Exhibits calcium-dependent phospholipid binding properties.

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