Protein BONZAI 2 (BON2), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP01968*

Species
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name
Recombinant Arabidopsis thaliana Protein BONZAI 2 (BON2) , partial

Product Gene Name
BON2 recombinant protein

Product Synonym Gene Name
BON2

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

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

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
64,033 Da

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

Protein Family
Protein

NCBI Accession
NP_568180.1

NCBI GI
18415456

NCBI GenBank Nucleotide
NM_120812.4

NCBI GeneID
830621

NCBI Official Full Name
Calcium-dependent phospholipid-binding Copine family protein

NCBI Official Symbol
BON2

NCBI Official Synonym Symbols

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BONZAI 2; T2I1.10; T2I1_10

NCBI Protein Information

Calcium-dependent phospholipid-binding Copine family protein

NCBI Summary

Encodes a copine-like protein, which is a member of a newly identified class of calcium-dependent, phospholipid binding proteins that are present in a wide range of organisms.

UniProt Gene Name

BON2

UniProt Protein Name

Protein BONZAI 2

UniProt Primary Accession

Q5S1W2

UniProt Secondary Accession

Q94EW4; Q9LY30

UniProt Related Accession

Q5S1W2

UniProt Comments

Negative regulator of cell death and defense responses. May repress a number of R genes and may have effects in promoting growth and development. May function in membrane trafficking and in fusion of vesicles with plasma membrane .

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