Anaphase-promoting complex subunit 8 (APC8), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP02568*

Species
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name
Recombinant Arabidopsis thaliana Anaphase-promoting complex subunit 8 (APC8) , partial

Product Gene Name
APC8 recombinant protein

Product Synonym Gene Name
APC8

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
67,135 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.

NCBI Accession
NP_190398.1

NCBI GI
15228343

NCBI GenBank Nucleotide
NM_114684.5

NCBI GeneID
823970

NCBI Official Full Name
anaphase-promoting complex subunit 8

NCBI Official Symbol
APC8

NCBI Official Synonym Symbols
anaphase-promoting complex subunit 8; CDC23

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Protein Information
anaphase-promoting complex subunit 8

NCBI Summary
anaphase-promoting complex or cyclosome subunit

UniProt Gene Name
APC8

UniProt Synonym Gene Names
CDC23; CDC23 homolog

UniProt Protein Name
Anaphase-promoting complex subunit 8

UniProt Synonym Protein Names
Cell division cycle protein 23 homolog; CDC23 homolog; Cyclosome subunit 8

UniProt Primary Accession
Q9STS3

UniProt Secondary Accession
Q570L3; Q93ZW8

UniProt Related Accession
Q9STS3

UniProt Comments
Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin-protein ligase complex that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex controls several key steps in the cell cycle by mediating ubiquitination and subsequent degradation of target proteins such as cyclins. The APC/C complex is required for the female gametophyte development and is involved in several aspect of development by controlling cell division and cell elongation. Involved in the control of endoreduplication.

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