

Carotenoid 9,10 (9',10')-cleavage dioxygenase 1 (CCD1), Recombinant Protein

Cat *RP18127*

Species

Pisum sativum (Garden pea)

Full Product Name

Recombinant *Pisum sativum* Carotenoid 9,10 (9',10')-cleavage dioxygenase 1 (CCD1), partial

Product Gene Name

CCD1 recombinant protein

Product Synonym Gene Name

CCD1

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

61,226 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.

NCBI Accession

Q8LP17.1

NCBI GI

75157294

NCBI Official Full Name

Carotenoid 9,10(9',10')-cleavage dioxygenase 1

UniProt Gene Name

CCD1

UniProt Synonym Gene Names

NCED1

UniProt Protein Name

Carotenoid 9,10(9',10')-cleavage dioxygenase 1

UniProt Synonym Protein Names

PsCCD1; PsNCED1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Carotenoid 9,10 (9',10')-cleavage dioxygenase 1 (CCD1), Recombinant Protein

Cat *RP18127*

UniProt Primary Accession

Q8LP17

UniProt Comments

Cleaves a variety of carotenoids at the 9-10 and 9'-10' double bonds. Probably not involved in abscisic acid biosynthesis.

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