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

Recombinant Arabidopsis thaliana Carotenoid 9,10 (9',10')-cleavage dioxygenase 1 , partial

CATALOG #	HOST
AAA114686	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Carotenoid 9; 10 (9'; 10')-cleavage dioxygenase 1; Recombinant Arabidopsis thaliana Carotenoid 9; partial; CCD1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	52-538. Partial
Sequence	FAPIRDETPP VKDLPVHGFL PECLNGEFVR VGPNPKFDAV AGYHWFDGDG MIHGVRIKDG KATYVSRYVK TSRLKQEEFF GAAKFMKIGD LKGFFGLLMV NVQQLRTKLK ILDNTYGNGT ANTALVYHHG KLLALQEADK PYVIKVLEDG DLQTLGIIDY DKRLTHSFTA HPKVDPVTGE MFTFGYSHTP PYLTYRVISK DGIMHDPVPI TISEPIMMHD FAITETYAIF MDLPMHFRPK EMVKEKKMIY SFDPTKKARF GVLPRYAKDE LMIRWFELPN CFIFHNANAW EEEDEVVLIT CRLENPDLDM VSGKVKEKLE NFGNELYEMR FNMKTGSASQ KKLSASAVDF PRINECYTGK KQRYVYGTIL DSIAKVTGII KFDLHAEAET GKRMLEVGGN IKGIYDLGEG RYGSEAIYVP RETAEEDDGY LIFFVHDENT GKSCVTVIDA KTMSAEPVAV VELPHRVPYG FHALFVTEEQ LQEQTLI
Species	Arabidopsis thaliana (Mouse-ear cress)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15229451
NCBI GeneID	825527
NCBI Accession #	NP_191911.1
NCBI GenBank Nucleotide #	NM_116217.3
UniProt Accession #	O65572; Q8GRI2; Q9LY63
Molecular Weight	60,908 Da
NCBI Official Full Name	carotenoid cleavage dioxygenase 1
NCBI Official Symbol	CCD1
NCBI Official Synonym Symbols	D1; ATNCED1; carotenoid cleavage dioxygenase 1; CAROTENOID CLEAVAGE DIOXYGENASE 1; NCED1
NCBI Protein Information	carotenoid cleavage dioxygenase 1
UniProt Protein Name	Carotenoid 9,10(9',10')-cleavage dioxygenase 1
UniProt Gene Name	**CCD1**
UniProt Synonym Gene Names	NC1; NCED1; AtNCED1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/ccd1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114686