

Chlorophyll a-b binding protein 3C, chloroplastic (CAB3C), Recombinant Protein

Cat *RP15324*

Species

Solanum lycopersicum (Tomato) (*Lycopersicon esculentum*)

Full Product Name

Recombinant *Solanum lycopersicum* Chlorophyll a-b binding protein 3C, chloroplastic (CAB3C), partial

Product Gene Name

CAB3C recombinant protein

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

28,325 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

NP_001316912.1

NCBI GI

1051290140

NCBI GenBank Nucleotide

NM_001329983.1

NCBI GeneID

108491835

NCBI Official Full Name

chlorophyll a-b binding protein 3C, chloroplastic

NCBI Official Symbol

Cab-3C

NCBI Official Synonym Symbols

LHCP; CAB3C

NCBI Protein Information

chlorophyll a-b binding protein 3C, chloroplastic

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Chlorophyll a-b binding protein 3C, chloroplastic (CAB3C), Recombinant Protein

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UniProt Gene Name

CAB3C

UniProt Synonym Gene Names

LHCP

UniProt Protein Name

Chlorophyll a-b binding protein 3C, chloroplastic

UniProt Synonym Protein Names

LHCII type I CAB-3C; LHCP

UniProt Primary Accession

P07369

UniProt Related Accession

P07369

UniProt Comments

The light-harvesting complex (LHC) functions as a light receptor, it captures and delivers excitation energy to photosystems with which it is closely associated.

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