

Chlorophyll a-b binding protein 1, chloroplastic (CAB1), Recombinant Protein

Cat *RP10499*

Species

Zea mays (Maize)

Full Product Name

Recombinant Zea mays Chlorophyll a-b binding protein 1, chloroplastic (CAB1), partial

Product Gene Name

CAB1 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

27,816 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.

Protein Family

Pantothenate kinase

NCBI Accession

NP_001147639.1

NCBI GI

226502080

NCBI GenBank Nucleotide

NM_001154167.1

NCBI GeneID

100281248

NCBI Official Full Name

chlorophyll a-b binding protein 1, chloroplastic

NCBI Official Symbol

LOC100281248

NCBI Official Synonym Symbols

CAB1; LHCP

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Protein Information

chlorophyll a-b binding protein 1, chloroplastic

UniProt Gene Name

CAB1

UniProt Synonym Gene Names

LHCP

UniProt Protein Name

Chlorophyll a-b binding protein 1, chloroplastic

UniProt Synonym Protein Names

LHCII type I CAB-1; LHCP

UniProt Primary Accession

P12329

UniProt Related Accession

P12329

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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