

Chlorophyll a-b binding protein 13, chloroplastic (CAB13), Recombinant Protein

Cat *RP15331*

Species

Solanum lycopersicum (Tomato) (*Lycopersicon esculentum*)

Full Product Name

Recombinant *Solanum lycopersicum* Chlorophyll a-b binding protein 13, chloroplastic (CAB13), partial

Product Gene Name

CAB13 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

28,623 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

Chlorophyll a-b binding protein

NCBI Accession

NP_001296244.1

NCBI GI

823270899

NCBI GenBank Nucleotide

NM_001309315.1

NCBI GeneID

101243766

NCBI Official Full Name

chlorophyll a-b binding protein 13, chloroplastic

NCBI Official Symbol

CAB13

NCBI Official Synonym Symbols

lhbC1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Chlorophyll a-b binding protein 13, chloroplastic (CAB13), Recombinant Protein

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NCBI Protein Information

chlorophyll a-b binding protein 13, chloroplastic

UniProt Gene Name

CAB13

UniProt Synonym Gene Names

LHBC1

UniProt Protein Name

Chlorophyll a-b binding protein 13, chloroplastic

UniProt Synonym Protein Names

LHCII type III CAB-13

UniProt Primary Accession

P27489

UniProt Related Accession

P27489

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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