

Chlorophyll a-b binding protein 3, chloroplastic (LHC B1.2), Recombinant Protein

Cat RP08626

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Chlorophyll a-b binding protein 3, chloroplastic (LHC B1.2), partial

Product Gene Name

LHC B1.2 recombinant protein

Product Synonym Gene Name

LHC B1.2

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

28,227 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_564339.1

NCBI GI

18397286

NCBI GenBank Nucleotide

NM_102731.3

NCBI GenID

839869

NCBI Official Full Name

chlorophyll A/B binding protein 3

NCBI Official Symbol

CAB3

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Synonym Symbols

AB180; CELLULOSE SYNTHASE LIKE B3; chlorophyll A/B binding protein 3; CSLB3; F1N18.5; LHCB1.2; LIGHT HARVESTING CHLOROPHYLL A/B BINDING PROTEIN 1.2

NCBI Protein Information

chlorophyll A/B binding protein 3

NCBI Summary

member of Chlorophyll a/b-binding protein family

UniProt Gene Name

LHCB1.2

UniProt Synonym Gene Names

AB180; CAB3; LHCP-A; CAB-180

UniProt Protein Name

Chlorophyll a-b binding protein 3, chloroplastic

UniProt Synonym Protein Names

Chlorophyll a-b protein 180; CAB-180; LHCII type I CAB-3

UniProt Primary Accession

Q8VZ87

UniProt Secondary Accession

P04777; P83754

UniProt Related Accession

P0CJ48; Q8VZ87

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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