Chlorophyll a-b binding protein, chloroplastic (RCABP89), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP13723*

Species
Oryza sativa subsp. japonica (Rice)

Full Product Name
Recombinant Oryza sativa subsp. japonica Chlorophyll a-b binding protein, chloroplastic (RCABP89), partial

Product Gene Name
RCABP89 recombinant protein

Product Synonym Gene Name
RCABP89

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
28,495 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

NCBI Accession
XP_015632068.1

NCBI GI
1002255572

NCBI GenBank Nucleotide
XM_015776582.1

NCBI GeneID
4333359

NCBI Official Full Name
chlorophyll a-b binding protein, chloroplastic

NCBI Official Symbol
LOC4333359

NCBI Official Synonym Symbols
LHCP; RCABP89; OsJ_011145

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Protein Information
chlorophyll a-b binding protein, chloroplastic

UniProt Gene Name
RCABP89

UniProt Synonym Gene Names
LHCP

UniProt Protein Name
Chlorophyll a-b binding protein, chloroplastic

UniProt Synonym Protein Names
LHCII type I CAB; LHCP

UniProt Primary Accession
Q10HD0

UniProt Secondary Accession
O22543; O65326; P27519; Q6ATT3; A0A0P0VZU4

UniProt Related Accession
Q10HD0

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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