

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Chlorophyll A-B Binding Protein, Chloroplastic(Rcabp89) Protein, His-Tagged

Cat. No. RFL6291OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Chlorophyll a-b binding protein, chloroplastic(RCABP89) Protein (Q10HD0) (36-263aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E.coli</i>
ProteinLength	Full Length of Mature Protein (36-263)
Form	Lyophilized powder
AA Sequence	RRTVKSAPQSIWYGPDRPKYLGPFSEQTPSYLTGEFPGDYGWDTAGLSADPETFA RNREL EVIHSRWAMLGALGCVFPEILSKNGVKFGEAVWFKAGAQIFSEGGLDYLG PNLVHAQSI LAIWAVQVVLGMGFVEGYRVGGGPLGEGLDKVYPGGAFDPLGLADDP DTFAELKVKELKNG RLAMFSMFGFFVQAIVTGKGPIENLFDHVADPVANNAWAYAT NFVPGK
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	RCABP89
Synonyms	RCABP89; Os03g0592500; LOC_Os03g39610; OsJ_011145; OSJNBb0056O10.8; Chlorophyll a-b binding protein, chloroplastic; LHCII type I CAB; LHCP
UniProt ID	Q10HD0