

Recombinant Full Length Solanum Lycopersicum Chlorophyll A-B Binding Protein Cp24 10B, Chloroplastic(Cap10B) Protein, His-Tagged

Cat. No. RFL24364SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Solanum lycopersicum Chlorophyll a-b binding protein CP24 10B, chloroplastic(CAP10B) Protein (P27525) (46-256aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Solanum lycopersicum (Tomato) (Lycopersicon esculentum)
Source	E.coli
ProteinLength	Full Length of Mature Protein (46-256)
Form	Lyophilized powder
AA Sequence	AAAVAPKKSWIPAVKSGGNLVDPEWLDGSLPGDFGFDPLGLGKDPAFLKWYREAEL IHGR WAMAAVLGIFVGQAWSGIPWFEAGADPGAIAFPFSFGSLLGTQLLLMGWVESK RWVDFFDN DSQSIDWATPWSKTAENFANFTGEQGYPGGKFFDPLALAGTLNNGVY VPDTEKLERLKLA EIKHSRLAMLAMLIFYFEAGQGKTPLGALGL
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	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	CAP10B
Synonyms	CAP10B; Chlorophyll a-b binding protein CP24 10B, chloroplastic; CAB-10B; LHCP
UniProt ID	P27525

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