

Recombinant Full Length Zea Mays Chloroplast Envelope Membrane Protein(Cema) Protein, His-Tagged

Cat. No. RFL28449ZF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Zea mays Chloroplast envelope membrane protein(cemA) Protein (P46641) (1-230aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Zea Mays
Source	E.coli
ProteinLength	Full Length (1-230)
Form	Lyophilized powder
AA Sequence	MK K K K A L P S F L Y L V F I V L L P W G V S F S F N K C L E L W I K N W W N T R Q S E T F L T D I Q E K R I L E G F I E L E E L F L L D E M I K E K P K T H V Q K L P I G I H K E I I Q L A K I D N E D H L H I I L H F S T N I I C L A I L S G S F F L G K E E L V I L N S W V Q E F F Y N L N D S I K A F F I L L V T D F F V G F H S T R G W E L L I R W V Y N N L G W A P N E L I F T I F V C S F P V I L D T C L K F W V F C L N R L S P S L V V I Y H S I S E A
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.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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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**

cemA

Synonyms

cemA; ycf10; Chloroplast envelope membrane protein

UniProt ID

[P46641](#)

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