

Recombinant Full Length *Leptosira Terrestris* Chloroplast Envelope Membrane Protein(Cema) Protein, His-Tagged

Cat. No. RFL3072PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Leptosira terrestris</i> Chloroplast envelope membrane protein(cemA) Protein (A6YG79) (1-445aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Pleurastrum terricola</i> (Filamentous green alga) (<i>Leptosira terrestris</i>)
Source	<i>E.coli</i>
ProteinLength	Full Length (1-445)
Form	Lyophilized powder
AA Sequence	MQEKIGLIPRSILRTLDRFRKQLFPNQETKTITLQEFQVSRQQMQVSVVTFLLVLVPL G VNICGKTFVLKPFTQFLWNNYQTEFLNQFQAQRAFTEMQEIEDVLFFDSLQNTN FCFN CSKAWNNYFVMQPSSYSSNSNFVIQKPDANSQSKNSTCHNSKLILQKNVFE IYKFSENT DFFKDKMYGEQIHDGVKNSYNEFSSKASNALSLEAPLYLGSEASLPPK LKNFDSRIFTA NQLNRDDKLIYMSLQEQPLVKKQNFLDKYQFAKHETQENVINKPEIY KIEGLLQTSEKDE MELRQDKLVALAIQYNEESIDAISNLIGDALTCITITLFFGLKVQILI LQSFLTESFYS LSNANRSLIIIVTDLLVGYHSPQGWLKLTQLILQHYGFPETKLFILCFI GTFPVILDTI FKYWIFRHLNRISPTTVLTYHRMIE
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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for up to one week.

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

cemA

Synonyms

cemA; Chloroplast envelope membrane protein

UniProt ID

[A6YG79](#)

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