



Recombinant *Synechococcus elongatus* Light-independent protochlorophyllide reductase subunit N (chIN)

Product Code	CSB-EP346525FPY-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P54208
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MTTTEAPSAL SFECETGNYH TFCPISCVAV LYQKIEDSFF LVIGTKTCGY FLQNAMGVMI FAEPYAMAE LEEGDISAQL NDYAEKRLC TQIKRDRNPS VIVWIGTCTT EIIKMDLEGL APKLEAEIGI PIVVARANGL DYAFQTQGEDT VLAAMAARCP EAATSEADQQ ERTNAIQRLL QFGKSPAAEQ QPASSKHPPL ILFGSVPDPV ATQLTIELAK QGITVSGWLP AKRYTELPVI AEGSYAIGLN PFLSRTATTL MRRRKCKVIG APFPIGPDGS RAWIEKICSV LEIEPQGLAE REQVWDSIE DYRQLVEGKQ VFFMGDNLWE ISLARFLVRC GMRCPEIGIP YLDRRYLGAE LAMLEATCQS MGVPLPRLVE KPDNYNQLQR IEALQPDLVI TGMAHANPLE ARGISTKWSV EFTFAQIHGF GNARAIELV TRPLRRNLAL GTLGGSQWVS EAVTSR
Source	E.coli
Target Names	chIN
Protein Names	Recommended name: Light-independent protochlorophyllide reductase subunit N Short name= DPOR subunit N Short name= LI-POR subunit N EC= 1.18.-.-
Expression Region	1-466
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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