



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

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| Product Code | CSB-EP346525FPY |
| 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 APKLEAIEGI PIVVARANGL DYAFQTQGEDT VLAAMAARCP EAATSEADQQ ERTNAIQRL 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 GNARAILELV 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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