



Recombinant *Synechococcus elongatus* Molybdopterin synthase sulfur carrier subunit (moaD)

| | |
|--------------------------|---|
| Product Code | CSB-EP681921FPY |
| Abbreviation | moaD |
| 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. | Q56209 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MTTTITLICF GGLAALSPEG QPMPLDLP ATAADLKVAI ARACDLMPDS ALAQLLQKSA IGSETRIYID SDLIPASLSH LALLPPVSGG |
| Source | E.coli |
| Target Names | moaD |
| Protein Names | Recommended name: Molybdopterin synthase sulfur carrier subunit Alternative name(s): MPT synthase subunit 1 Molybdenum cofactor biosynthesis protein D Molybdopterin-converting factor small subunit Molybdopterin-converting factor subunit |
| Expression Region | 1-90 |
| 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. 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. |