



Recombinant *Synechococcus elongatus* GTP cyclohydrolase 1 (foIE)

Product Code	CSB-MP009317FPY
Abbreviation	foIE
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.	Q54769
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MTSPSLNGSN SLVDAIRPET EAVSQAEMEA AVRTLIIIGVG EDPEREGLLK TPKRVAEAYR FLTSGYSQSL DDLVNGAIFD EGHNEMVLVR DITAFSLCEH HMLPFMGKVH VAYIPNQKVV GLSKLARIVE MYSRRLQVQE RLTRQIAESV QEILDPQGVA VVMEATHMCM VMRGVQKPGS WTVTSAMVGV FQEDQRTREE FLSLIRHQPA AFA
Source	Mammalian cell
Target Names	foIE
Protein Names	Recommended name: GTP cyclohydrolase 1 EC= 3.5.4.16 Alternative name(s): GTP cyclohydrolase I Short name= GTP-CH-I
Expression Region	1-213
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.