



Recombinant *Synechococcus elongatus* Ferrochelatase (hemH)

Product Code	CSB-EP656748FPY
Abbreviation	hemH
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.	Q31S00
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MGRVGVLLLN LGGPERLEDV GPFLYNLFAD PEIIRLPFPW LQKPLAWLIS SLRTRKSQEN YKQIGGGSP LRRITEEQATA LRQSLSDRGQ AAQVYIGMRY WHPFTEEAIA QIKADGIDRL VILPLYPQFS ISTSGSSFRL LQRLRDRDPE FQKIDCSVVP SWYERSGYLQ AMAELIAQEL DKLEQPEQGH VFFSAHGVPV SYVEEAGDPY QREIEDCTRK IMETLGRSNP WTLAYQSRVG PVEWLQPYTE DALEELAERG VKDLVVVPIS FVSEHITLE EIDIEYREIA EEAGIERFLR VPALNTHPLF IQDLSLVEQ TLEQPRFRLE DVTLLPKKVK LYPQERWEWG ITLNAEVWNG RIAMLGFLAL LVELLTGRGP LHALGLL
Source	E.coli
Target Names	hemH
Protein Names	Recommended name: Ferrochelatase EC= 4.99.1.1 Alternative name(s): Heme synthase Protoheme ferro-lyase
Expression Region	1-387
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.