



Recombinant *Synechococcus elongatus* Porphobilinogen deaminase (hemC)

Product Code	CSB-EP657424FPY
Abbreviation	hemC
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.	Q31PM2
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MVSSPARPIR IGSRKSQLAL VQTHWVQGEL QRLYPDRQFD VQTMSTQGGDI ILDVALAKIG DKGLFTKELE VAMLAGEVDF AVHSLKDLPT RLPEGLILGC VTEREDPADA LVVHDRFKDH QLETLPQTV IGSSLRRLA QLRHHYPHLQ FKDVRGNLNT RLAKLDAGEY DALILAAAGL QRLSMADRIH QLIPAAVSLH AVGQGALGIE CRAEDPEILE LLKALEHEPT SQRCLAERAF LRELEGGCQV PIGVNTAIAD GTLTLTGMVA SLDGQRLLRD QVSGPTSDPE ALGLALAAQL KAQGAKEILD EIFATVRPEA
Source	E.coli
Target Names	hemC
Protein Names	Recommended name: Porphobilinogen deaminase Short name= PBG EC= 2.5.1.61 Alternative name(s): Hydroxymethylbilane synthase Short name= HMBS Pre-uroporphyrinogen synthase
Expression Region	1-320
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.