



Recombinant *Synechocystis* sp. Glutamyl-tRNA reductase (hemA)

Product Code	CSB-EP329816SSQ
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.	P28463
Product Type	Recombinant Protein
Immunogen Species	<i>Synechocystis</i> sp. (strain PCC 6803 / Kazusa)
Purity	>85% (SDS-PAGE)
Sequence	MNIAVVGLSH KTAPVEIREK LSIQEAKLEE ALTHLRSYPH IEEVTVISTC NRLEIYAVVT DTEKGVVEIT QFLSETGNIP LATLRRYLFT LLHEDAVRHL MRVAAGLESL VLGEGQILAQ VRTTHKLGQK YKGVGRLLDR LFKQAITAGR RVRTETDIGT GAVSISSAAV ELVHRQVDLS SQKTVIIGAG KMACLLVKHL LAKGATDITI VNRSQRRSQD LANQFPQAQL TLCPLTDMFT AIAAGDIVFT STGATEPILN CENLTGCVIN RKSLMLVDIS VPRNVAADVH AMEQVRAFNV DDLKEVVAQN QASRRQMARQ AEALLEEEIA AFDLWWSLE TVPTISSLRS KVEDIREQEL EKALSRLGSE FAEKHQEVIE ALTRGIVNKI LHEPMVQLRA QQDIEARKQC LRSLKMLFDL EVEEQFG
Source	<i>E. coli</i>
Target Names	hemA
Protein Names	Recommended name: Glutamyl-tRNA reductase Short name= GluTR EC= 1.2.1.70
Expression Region	1-427
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.