



Recombinant Escherichia coli O8 Siroheme synthase (cysG)

Product Code	CSB-EP487655E00-B
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.	B7M1S1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O8 (strain IA11)
Purity	>85% (SDS-PAGE)
Sequence	MDHLPIFCQL RDRDCLIVGG GDVAERKARL LLDAGARLTV NALAFIPQFT AWADAGMLTL VEGPFDESLL DTCWLAI AAT DDDALNQRVS EAAEARRIFC NVVDAPKAAS FIMPSIIDRS PLMVAVSSGG TSPVLARLLR EKLESLLPLH LGQVAKYAGQ LRGRVKQQFA TMSERRRFEW KLFVNDRLAQ SLANNDQKAI TETTEQLINE PLDHRGEVVL VGAGPGDAGL LTLKGLQQIQ QADV VVYDRL VSDDIMNLVR RDADR VVFGK RAGYHCVPQE EINQILLREA QKGKRVVRLK GGDPFIFGRG GEELETLCNA GIPFSVPGI TAASGCSAYS GIPLTHRDYA QSVRLITGHL KTG GELD WEN LAAEKQTLVF YMGLNQAATI QQKLIHGM P GEMPVAIVEN GTAVTQRVID GTLTQLGELA QQMNSPSLII IGRVVGLRDK LNWFSNH
Source	E.coli
Target Names	cysG
Protein Names	Recommended name: Siroheme synthase Including the following 3 domains: Uroporphyrinogen-III C-methyltransferase Short name= Urogen III methylase EC= 2.1.1.107 Alternative name(s): SUMT Uroporphyrinogen III methylase S
Expression Region	1-457
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.