



Recombinant Escherichia coli O45:K1 Siroheme synthase (cysG)

Product Code	CSB-EP487756EOK
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.	B7MCY5
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MDHLPIFCQL RDRDCLIVGG GDVAERKARL LLDAGARLTV NALAFIPQFT AWADAGMLTL VEGPFDESLL DTCWLAI AAT DDDALNQRVS EAAESRRIFC NVVDAPKAAS FIMPSIIDRS PLMVAVSSGG TSPVLARLLR EKLESLLPLH LGQVAKYAGQ LRGRVKQQFA TMGERRRFWE KLFVNDRLAQ SLANNDQKAI TETTEQLINE PLDHRGEVVL VGAGPGDAGL LTLKGLQQIQ QADV VVYDRL VSDDIMNLIR RDADRVFVGK RAGYHCVPQE EINQILLREA QKGKRVVRLK GGDPFIFGRG GEELETLCNA GIPFSVVPGI TAASGCSAYS GIPLTHRDYA QSVRLITGHL KTG GELD WEN LAAEKQTLVF YMGLNQAATI QQK LIEY GMP 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.