



Recombinant Escherichia fergusonii Siroheme synthase (cysG)

Product Code	CSB-YP482457EOR
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.	B7LS75
Product Type	Recombinant Protein
Immunogen Species	Escherichia fergusonii (strain ATCC 35469 / DSM 13698 / CDC 0568-73)
Purity	>85% (SDS-PAGE)
Sequence	MDHLPIFCQL RDRDCLIVGG GDVAERKARL LLDAGARLTV NALAFIPQFT AWADAGMLTL VEGPFDESLL DTCWLAIAT DDDALNQRVS EAAESRRIFC NVVDAPKAAS FIMPSIIDRS PLMVAVSSGG TSPVLARLLR EKLESLLPLH LGQVAKYAGQ LRGRVKQQFA TMGERRRFWE KLFVNDRLAQ SLANNDQKAI TETTEQLINE PLDHRGEVVL VGAGPGDAGL LTLKGLQQIQ QADVVVYDRL VSDDIMNLVR RDADRVFVGK RAGYHCVPQE EINQILLREA QKGKRVVRLK GGDPFIFGRG GEELETLCNA DIPFSVVPGI TAASGCSAYS GIPLTHRDYA QSVRLITGHL KTGGELOWEN LAAEKQTLVF YMGLNQASTI QKCLIEHGMP GEMPVAIVEN GTAVTQRVID GTLTQLGELA QQMNSPSLII IGRVVGLRDK LWFSNH
Source	Yeast
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.