



Recombinant Siroheme synthase 2 (cysG2)

Product Code	CSB-EP737638YAH-B
Abbreviation	cysG2
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.	Q664M6
Product Type	Recombinant Protein
Immunogen Species	Yersinia pseudotuberculosis serotype I (strain IP32953)
Purity	≥85% (SDS-PAGE)
Sequence	MDYFPIFCQL QHKACLLVGG GEIAERKARL LLDAGALVTV NACEFTPQFH HWADQQQLSL ISGEFVPELL ADKWLVIAT DQLSVNALVY QSANQQRIFC NVVDDPKRTS FIMPSIIDRS PIMIAVSSGG KAPVLARLLR EKLEALLPQH LGQLAQLAGN LRQRVKQHFA AMTERRRFWE KLLTHDRLAQ SLANNDHVQA DQHVEQLFSA PLTDRGEVVL VGAGPGDAGL LTLKGLQQIQ QADVVVYDRL VSDEVMNLVR RDAERIFVGK QSGHHCVPQE QINQILLQQA QSGKRVRRLK GGDPFIFGRG GEELEELAGY GIPFSVVPGI TAASGCAYS GIPLTHRDHA QSVRLVTGHA KKEGQLDWAN LAEKQTLVF YMGLSQAGEI QQQLIQHGMP ATTQVALVEN GTSRHQRVVS GELSQUALLS QQVSSPSLII VGSVVSLEK LWVSSRHHD DQPKVTECVA HVG
Source	E.coli
Target Names	cysG2
Protein Names	Recommended name: Siroheme synthase 2 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
Expression Region	1-473
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.