



Recombinant Siroheme synthase 1 (cysG1)

Product Code	CSB-EP724083YAH
Abbreviation	cysG1
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.	Q66EC9
Product Type	Recombinant Protein
Immunogen Species	Yersinia pseudotuberculosis serotype I (strain IP32953)
Purity	≥85% (SDS-PAGE)
Sequence	MDYLPLFADL KQRPVLIVGG GEVAARKIEL LHRAGAQVWV VAQTLSSSELE QQYQDGRIBW LAQDFLPEQL DNVFLVIAAT NDTVLNAAVF AAADQRCILA NVVDDQPLCS FIFPSIVDRS PLVVAISSSG QAPVLARILR EKLEALLPTR LSDMAAIAGR WRGRVKQHMA SMGERRRFWE HAFSGRFASL ISRGQLTEAE NELQLSLEGQ HRALGEVALV GAGPGDAGLL TLRGLQVMQQ ADVVLYDHLV SPEVLDLVRD DAERICVGKR AGAHSVTQEA TNQLLVTLAQ QGKRVVRLKG GDPFIFGRGG EELQVVAQAG IPFQVVPVGT AAAGATAYAG IPLTHRDHAQ SVTFITGHCR PDGDDLDWQA LARGRQTLAI YMGTVKAAAI SQQLIAHGRS STTPVAVIGR GTRVDQQVLI GTLAQLES LA QQAPTPALLV IGEVVNLHHQ IAWFGQQPQT ESAISPSVVN LA
Source	E.coli
Target Names	cysG1
Protein Names	Recommended name: Siroheme synthase 1 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	1-472
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.