



Recombinant Methylococcus capsulatus Siroheme synthase (cysG)

Product Code	CSB-EP713886MFM-B
Abbreviation	cysG
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.	Q606C9
Product Type	Recombinant Protein
Immunogen Species	Methylococcus capsulatus (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MDYLPFLKL RDLPCLVGG GEVAVRKLGL LLDAGAAVTV IAASAEAVIV ELADRGILRL RTKVFEATDS EGFRLIAAT DDRAVNAAVA TAARRHGIPV NVVDCPDLCD FIFPAIDRS PVLVAVSTGG ASPVLARQLR TRIETCIPSR FGTLARLAAD LRERVRQAIP EPRARRHFW RTLEGPAEAL ALQGRAEDAE RVLLEAADAA ARQERPAWGS VALVGAGPGD PDLTLRALR LIQEADVIV DRLVSAEILA LARRDARRIY AGKERSRHSI PQDDINALLA NLAAEGNRVV RLKGGDPFIF GRGGEEIETL MACGIPFQVV PGITAASGCA AYAGIPLTHR AHAHACVFVA GHLKDGTLQD LDWSQLVQPH QTVVVMGLQ GLPQICAELI RHGAPPSRPA ALIQQGTTRD QKVL TATLET LPDKVADAGI KAPTLLIIGE VVGLRKKLAW YRSRQETEGR SGNG
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	1-474
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.



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