



Recombinant Nitrosomonas europaea Siroheme synthase (cysG)

Product Code	CSB-EP767570NHH
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.	Q820Q4
Product Type	Recombinant Protein
Immunogen Species	Nitrosomonas europaea (strain ATCC 19718 / CIP 103999 / KCTC 2705 / NBRC 14298)
Purity	>85% (SDS-PAGE)
Sequence	MDYLPVFLNI KQRDCLVVG GGEIAVRKIRL LLRAHARIHV VSPAISEELS NLLLQSPVIT HTAESFRPDH LQDRALIAA TNDHEVNRAV SAAARKAGIP VNVVDNPDLC TFIMPSILDR SPIIVAVSSG GTSPILARLL RSRLEALIPS AYGRLAEYAA RFRDKVRQRF IHQENRRFFW ERMLQGPF AE MVFAGRDQAA QDYLSEALEN STDQFPTGEV YLVGAGPGDP DLLTFRAMRL MQQADVVIYD RLVSPAILDM VRQDATRIYV GKVRNQHTLP QTSINELLVK LAQEGKHVLR LKGGDPFIFG RGEEIETLS QHHIPFQVVP GITAASGVAS YAGIPLTHRD HAQSCVFVTG HMKDNTIQLD WPALARPNQT IVVYMGLLGV TELCRQLIAH GLQATTPAAI VQQGTTPNQR VLTGTLETLP DIIQQNPLKP PTLIIVGNVV KLHQKLAWFN STSEPMGTSS GPGYP
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	1-475
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

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