



Recombinant Phosphomethylpyrimidine synthase (thiC)

Product Code	CSB-YP820220EOD
Abbreviation	thiC
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.	Q8X6X9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MSATKLTRREQRAQAQHFIDTLEGTAFPNSKRIYITGTQPGVRVPMREIQLSPT LIGGSK EQPQYEENEAIIPVYDTSGPYGDPQIAINVQQGLAKLRQPWIDARGDTEELTVR SSDYTKA RLADDGLDELRFSGVLTTPKRAKAGRRVTQLHYARQGIIPEMEFIAIRENMGRE RIRSEV LRHQHPGMSFGARLPENITAEFVRDEVAAGRAIIPANINHPSESEPMIIGRNFLVK VNANI GNSAVTSSIEEEEVEKLVWSTRWGADTVMDLSTGRYIHETREWILRNSPVPIGT VPIYQAL EKVNGIAEDLTWEAFRDTLLEQAEQGVDFYFTIHAGVLLRYVPM TAKRLTGIVSR GGSIMA KWCLSHHQENFLYQHFRICEICAAYDVSLSLGDGLRPGSIQDANDEAQFAEL HTLGELT KIAWEYDVQVMIEGPGHVPMQMIRRNMTTEELEHCHEAPFYTLGPLTTDIAPGY DHFTSGI GAAMIGWFGCAML CYVTPKEHLGLPNKEDVKQGLITYKIAAHAADLAKGHPGA QIRDNAM SKARFEFRWEDQFNLALDPFTARAYHDETLPQESGKVAHFCSMCGPKFCM KISQEV RDY AATQTIEMGIADMS ENFRARGGEIYLRKEEA
Source	Yeast
Target Names	thiC
Protein Names	Recommended name: Phosphomethylpyrimidine synthase EC= 4.1.99.17 Alternative name(s): Hydroxymethylpyrimidine phosphate synthase Short name= HMP-P synthase Short name= HMP-phosphate synthase Short name= HMPP synthase
Expression Region	1-631
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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