



Recombinant Escherichia coli

Phosphomethylpyrimidine synthase (thiC)

Product Code	CSB-EP510832ENU
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.	C5A0T5
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	MSATKLTRE QRARAQHFID TLEGTAFPNS KRIYITGTHP GVRVPMREIQ LSPTLIGGSK EQPQYEENEA IPVYDTSGPY GDPQIAINVQ QGLAKLRQPW IDARGDTEEL TVRSSDYTKA RLADDGLDEL RFSGVLTPKR AKAGRRVTQL HYARQGIITP EMEFIAIREN MGRERIRSEV LRHQHPGMSF GAHLPENITA EFVRDEVAAG RAIIPANINH PESEPMIIGR NFLVKVNANI GNSAVTSSIE EEVEKLVWST RWGADTVMDL STGRYIHETR EWILRNVPV IGTVPIYQAL EKVNGIAEDL TWEAFRDTLL EQAEQGVDFY TIHAGVLLRY VPMTAKRLTG IVSRGGSIMA KWCLSHHQEN FLYQHFRFIC EICAAVDVSL SLGDGLRPGS IQDANDEAQF AELHTLGELT KIAWEYDVQV MIEGPGHVPM QMIRRNMTTE LEHCHEAPFY TLGPLTTDIA PGYDHFTSGI GAAMIGWFGC AMLCYVTPKE HLGLPNKEDV KQGLITYKIA AHAADLAKGH PGAQIRDNAM SKARFEFRWE DQFNALDPF TARAYHDETLPQESGKVAHF CSMCGPKFCS MKISQEVDRDY AATQTIEMGM ADMSENFRRAR GGEIYLRKEE A
Source	E.coli
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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