



# Recombinant Escherichia coli 5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase (metE)

<b>Product Code</b>	CSB-EP533097ENP-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	B1IW76
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain ATCC 8739 / DSM 1576 / Crooks)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTILNHTLGF PRVGLRRELK KAQESYWAGN STRELLTVG RELRARHWDQ QKQAGIDLLP VGDFAWYDHV LTTSLLLGNV PPRHQNKDGS VDIDTLFRIG RGRAPTGEPA AAAEMTKWFN TNYHYMVPEF VKGQQFKLTW TQLLEEVD EALALGHNVKPV LLGPVTYLWL GKVKGGEQFDR LSLLNDILPV YQQVLAELAK RGIEWVQIDE PALVLELPQA WLDAYKPAYD ALQGQVKLLL TTYFEGVTPN LDTITALPVQ GLHVDLVHGK DDVVELHKRL PSDWLLSAGL INGRNVWRAD LTEKYAQIKD IVGKRDLWVA SSCSLLHSPD DLSVETRLDA EVKSWFAL QKCHELALLR DALNSGDTAA LAEWSAPIQA RRNSTRVHNP AVEKRLAAIT AQDSQRANVY EVRAEAQRAR FKLPAWPTTT IGSFPQTTEI RTLRLDFKKG NLDANNYRTG IAEHIRQAIV EQERLGLDVL VHGEAERNM VEYFGEHLDG FVFTQNGWVQ SYGSRVCKPP IVIGDVSRPA PITVEWAKYA QSLTDKPVKG MLTGPVTILC WSPREDVSR ETIAKQIALA LRDEVADLEA AGIGIIDE PALREGLPLR RSDWDAYLQW GVEAFRINAA VAKDDTQIHT HMCYCEFNDI MDSIAALDAD VITIETSRSD MELLESEEF DYPNEIGPGV YDIHSPNVPS VEWIEALLKK AAKRIPAERL WVNPDGGLKT RGWPETRAAL ANMVQAAQNL RRG
<b>Source</b>	E.coli
<b>Target Names</b>	metE
<b>Protein Names</b>	Recommended name: 5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase EC= 2.1.1.14 Alternative name(s): Cobalamin-independent methionine synthase Methionine synthase, vitamin-B12 independent isozyme
<b>Expression Region</b>	1-753
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	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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