



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

<b>Product Code</b>	CSB-EP542347ENT
<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>	B1XAJ3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12 / DH10B)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MTILNHTLGF PRVGLRRELK KAQESYWAGN STREELLA VG RELRARHWDQ            QKQAGIDLLP VGDFAWYDHV LTTSLLLGNV PARHQNKDGS VDIDTLFRIG            RGRAPTGEPA AAAEMTKWFN TNYHYMVPEF VKGQQFKLTW            TQLLDEVDEA LALGHKVKPV LLGPVTWLWL GKVKGGEQFDR LSLLNDILPV            YQQVLAELAK RGIEWVQIDE PALVLELPQA WLDAYKPAYD ALQGQVKLLL            TTYFEGVTPN LDTITALPVQ GLHVDLVHGK DDVAELHKRL PSDWLLSAGL            INGRNVWRAD LTEKYAQIKD IVGKRDLWVA SSCSLLHSPI DLSVETRLDA            EVKSWFAL QKCHELALLR DALNSGDTAA LAEWSAPIQA RRHSTRVHNP            AVEKRLAAIT AQDSQRANVY EVRAEAQRAR FKLPAPWPTTT IGSFPQTTEI            RTLRLDFKKG NLDANNYRTG IAEHIKQAIV EQERLGLDVL VHGEAERNDM            VEYFGEHLDG FVFTQNGWVQ SYGSRVCVPP IVIGDISRPA PITVEWAKYA            QSLTDKPVKG MLTGPVTILC WSPREDVSR ETIAKQIALA LRDEVADLEA            AGIGIIQIDE PALREGLPLR RSDWDAYLQW GVEAFRINAA VAKDDTQIHT            HMCYCEFNDI MDSIAALDAD VITIETSRSD MELLESEFEF DYPNEIGPGV            YDIHSPNVPS VEWIEALLKK AAKRIPAERL WVNPDGGLKT RGWPETRAAL            ANMVQAAQNL RRG</p>
<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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