



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

<b>Product Code</b>	CSB-EP372419EJE-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>	A1AHZ7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O1:K1 / APEC
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTIINH TLGF PRVGLRRELK KAQESYWAGN STREELLAVG RELRARHWDQ QKQAGIDLLP VGDFAWYDHV LTTSLLLGNV PQRHQNNDDGS VDIDLFRIG RGRAPTGEPA AAAEMTKWFN TNYHYMVPEF VKGQQFKLTW TQLLEEVDEA LALGHKVKPV LLGPITYLWL GKVKGGEQFDR LSLNDILPV YQQVLAELAK RGIEWVQIDE PALVLELPQA WLNAYKPAYD ALQGQVKLLL TTYFEGVTPN LDTITALPVQ GLHVDLVHGK DDVAELHKRL PSDWLLSAGL INGRNVWRAD LTEKYAQIKD IVGKRDLWVA SSCSLLHSPD DLSVETRLDA EVKSWFAL QKCHELALLR DALNSGDTAA LAEWSAPIQA RRHSTRVHNP AVEKRLAAIT AQDSQRANVY EVRAEAQRAR FKLPAWPTTT IGSFPQTTEI RTLRLDFKKG NLDANNYRTG IAEHIKQAIV 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 WVNPDCLKT 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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