



# Recombinant Escherichia coli O7:K1 5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase (metE)

<b>Product Code</b>	CSB-EP482983EON
<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>	B7NV51
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MTILNHTLGF PRVGLRRELK KAQESYWAGN STRELLAVG RELRARHWDQ            QKQAGIDLLP VGDFAWYDHV LTTSLLLGNV PARHQNNDGS VDIDTLFRIG            RGRAPTGEPA AAAEMTKWFN TNYHYMVPEF VKGQQFKLTW TQLLEEVD            EALALGHKVKPV LLGPVTYLWL GKVKGGEQFDR LSLLNDILPV YQQVLAELAK            RGIEWVQIDE PALVLELPQA WLDAYKPAYD ALQGQVKLLL TTYFEGVTPN            LDTITALPVQ GLHVLDLVHGK DDVAELHKRL PSEWLLSAGL INGRNVWRAD            LTEKYAQIKD IVGKRDLWVA SSCSLLHSPD DLSVETRLDA EVKSWFAL            QKCHELALLR DALNSGDTAA LAAWSAPIQA 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 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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