



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

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|--------------------------|--|
| <b>Product Code</b>      | CSB-MP542347ENT  |
| <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<br/>           QKQAGIDLLP VGDFAWYDHV LTTSLLLGNV PARHQNKDGS VDIDTLFRIG<br/>           RGRAPTGEPA AAAEMTKWFN TNYHYMVPEF VKGQQFKLTW<br/>           TQLLDEVDEA LALGHKVKPV LLGPVTWLWL GVKVGEQFDR LSLLNDILPV<br/>           YQQVLAELAK RGIEWVQIDE PALVLELPQA WLDAYKPAYD ALQGQVKLLL<br/>           TTYFEGVTPN LDTITALPVQ GLHVDLVHGK DDVAELHKRL PSDWLLSAGL<br/>           INGRNVWRAD LTEKYAQIKD IVGKRDLWVA SSCSLLHSPI DLSVETRLDA<br/>           EVKSWFAFAL QKCHELALLR DALNSGDTAA LAEWSAPIQA RRHSTRVHNP<br/>           AVEKRLAAIT AQDSQRANVY EVRAEAQRAR FKLPAWPTTT IGSFPQTTEI<br/>           RTLRLDFKKG NLDANNYRTG IAEHIKQAIV EQERLGLDVL VHGEAERNDM<br/>           VEYFGEHLDG FVFTQNGWVQ SYGSRVCVPP IVIGDISRPA PITVEWAKYA<br/>           QSLTDKPVKG MLTGPVTILC WSPREDVSR ETIAKQIALA LRDEVADLEA<br/>           AGIGIIQIDE PALREGLPLR RSDWDAYLQW GVEAFRINAA VAKDDTQIHT<br/>           HMCYCEFNDI MDSIAALDAD VITIETSRSD MELLESEFEF DYPNEIGPGV<br/>           YDIHSPNVPS VEWIEALLKK AAKRIPAERL WVNPDCGLKT RGWPETRAAL<br/>           ANMVQAAQNL RRG</p> |
| <b>Source</b>            | Mammalian cell   |
| <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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