



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

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| Product Code | CSB-YP542066ENX |
| Storage | 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. |
| Uniprot No. | B1LM00 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli (strain SMS-3-5 / SECEC) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MTILNHTLGF PRVGLRRELK KAQESYWAGN STREELLA VG RELRARHWEQ QKQAGIDLLP VGDFAWYDHV LTTSLLLGNV PARHQNN DGS VDIDTLFRIG RGRAPTGEPA AAAEMTKWFN TNYHYMVPEF VKGQQFKLTW TQLLEE VDEA LALGHKVKPV LLGPV TYLWL GKVKG EQFDR LSLNDILPV YQQVLAELAK RGIEWVQIDE PALVLELPQA WLDAYKPAYD ALQGQVKLLL TTYFEGVTPN LDTITALPVQ GLHV DLVHGK DDVAELHKRL PSDWLLSAGL INGRNVWRAD LTEKYAQIKD IVGKRDLWVA SSCSLLH SPI DLSVETRLDA EVKSWF AFAL QKCHELALLR DALNSGDTAA LAAWSAPIQA RRHSTRVHNP AVEKRLAAIT AQDSQRANVY EVRAEAQRAR FKLPAWPTTT IGSFPQTTEI RTLRLDFKKG NLDANNYRTG IAEHIKQAI V EQERLGLDVL VHGEAERN DM VEYFGEHLDG FVFTQNGWVQ SYGSR CVKPP IVIGDVSRPA PITVEWAKYA QSLTDKPVKG MLTGPVTILC WSPREDVSR ETIAKQIALA LRDEVADLEA AGIGIIQIDE PALREGLPLR RSDWDAYLQW GVEAFRINAA VAKDDTQIHT HMCYCEFNDI MDSIAALDAD VITIETSRSD MELLE SFE EF DYPNEIGPGV YDIHSPNVPS VEWIEALLKK AAKRIPAERL WVNPD CGLKT RGWPETRAAL ANMVQAAQNL RRG |
| Source | Yeast |
| Target Names | metE |
| Protein Names | Recommended name: 5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase EC= 2.1.1.14 Alternative name(s): Cobalamin-independent methionine synthase Methionine synthase, vitamin-B12 independent isozyme |
| Expression Region | 1-753 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | 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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