



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

Product Code	CSB-EP329568ENV
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.	P25665
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	TILNHTLGF PRVGLRRELK KAQESYWAGN STREELLA VG RELRARHWDQ QKQAGIDLLP VGDFAWYDHV LTTSLLLGNV PARHQNKDGS VDIDTLFRIG RGRAPTGEPA AAAEMTKWFN TNYHYMVPEF VKGQQFKLTW TQLLDEVDEA LALGHKVKPV LLGPVTWLWL GVKVGEQFDR LSLLNDILPV YQQVLAELAK RGIEWVQIDE PALVLELPQA WLDAYKPAYD ALQGQVKLLL TTYFEGVTPN LDTITALPVQ GLHVLDLVHGK DDVAELHKRL PSDWLLSAGL INGRNVWRAD LTEKYAQIKD IVGKRDLWVA SCSLLHSPI DLSVETRLDA EVKSWFAL QKCHELALLR DALNSGD TAA LAEWSAPIQA RRHSTRVHNP AVEKRLAAIT AQDSQRANVY EVRAEAQRAR FKLPAPWPTTT IGSFPQTTEI RTLRLDFKKG NLDANNYRTG IAEHIKQAI V EQERLGLDVL VHGEAERN DM VEYFGEHLDG FVFTQNGWVQ SYGSRVCKPP IVIDISRPA PITVEWAKYA QSLTDKPVKG MLTGPVTILC WSPREDVSR ETIAKQIALA LRDEVADLEA AGIGIIQIDE PALREGLPLR RSDWDAYLQW GVEAFRINAA VAKDDTQIHT HMCYCEFNDI MDSIAALDAD VITIETSRSD MELLESFEF DYPNEIGPGV YDIHSPNVPS VEWIEALLKK AAKRIPAERL WVNPD CGLKT RGWPETRAAL ANMVQAAQNL RRG
Source	E.coli
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	2-753
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 of Mature 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

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.