



Recombinant Escherichia coli O139:H28 5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase (metE)

Product Code	CSB-EP424087EJD-B
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.	A7ZU36
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O139:H28 (strain E24377A / ETEC)
Purity	>85% (SDS-PAGE)
Sequence	<p>MTILNHTLGF PRVGLRRELK KAQESYWAGN STRELLTVG RELRARHWDQ QKQAGIDLLP VGDFAWYDHV LTTSLLLGNV PPRHQNKDGS VDIDTLFRIG RGRAPTGEPA AAAEMTKWFN TNYHYMVPEF VKGQQFKLTW TQLLEEVD EALALGHNVKPV LLGPVTYLWL GKVKGGEQFDR LSLLNDILPV YQQVLAELAK RGIEWVQIDE PALVLELPQA WLDAYKPAYD ALQGQVKLLL TTYFEGVTPN LDTITALPVQ GLHVLDLVHGK DDVAELHKRL PSDWLLSAGL INGRNVWRAD LTEKYAQIKD IVGKRDLWVA SSCSLLHSPD DLSVETRLDA EVKSWFALAFAL QKCHELALLR DALNSGDTAA LAEWSAPIQA RRHSTRVHNP AVEKRLAAIT AQDSQRANVY EVRAEAQRAR FKLPAWPTTT IGSFPQTTEI RTLRLDFKKG NLDANNYRTG IAEHIRQAIV EQERLGLDVL VHGEAERNM VEYFGEHLDG FVFTQNGWVQ SYGSRCVKPP IVIGDISRPA PITVEWAKYA QSLTDKPVKG MLTGPVTILC WSPREDVSR ETIAKQIALA LRDEVADLEA AGIGIIQIDE PALREGLPLR RSDWDAYLQW GVEAFRINAA VAKDDTQIHT HMCYCEFNDI MDSIAALDAD VITIETSRSD MELLESEFEF DYPNEIGPGV YDIHSPNVPS VEWIEALLKK AAKRIPAERL WVNPDGGLKT RGWPETRAAL ANMVQAAQNL RRG</p>
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	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

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.