



Recombinant Methanothermobacter marburgensis Probable methylcobalamin:homocysteine methyltransferase (metE)

Product Code	CSB-EP347584MSQ-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.	P55299
Product Type	Recombinant Protein
Immunogen Species	Methanothermobacter marburgensis (strain ATCC BAA-927 / DSM 2133 / JCM 14651 / NBRC 100331 / OCM 82 / Marburg) (Methanobacterium thermoautotrophicum)
Purity	>85% (SDS-PAGE)
Sequence	MITTVVGSYP ATPREPETLR ERISSFIGSY DACRPAIETA VRDQVRAGVD IISDGQVRGD MVGHFAEAMG GMMVKDGVSI IFSRITPPAG SIGSDDLIYA IKILRKLTDDESKGVKGIIT GPSTMAHASK IEGFYSPQKR ERAIMDMADA LRVEAEHLQD AGALMIQIDE PFLSTGMVDM GTARRAVKRI SGALDVDVSL HVCGLDISGVI GELLTFPVDM LDLEFAGRPS NLEVLAEKWR GDKKLGFGCV DTSTEVVEST DTIKNLIERG ADIAGEDNLY IDPDCGMRKL PREAAFSKLR NMVKAASEF
Source	E.coli
Target Names	metE
Protein Names	Recommended name: Probable methylcobalamin:homocysteine methyltransferase EC= 2.1.1.- Alternative name(s): Methionine synthase
Expression Region	1-309
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.