



Recombinant S-adenosylmethionine synthase (metK)

Product Code	CSB-EP734384BUI
Abbreviation	metK
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.	Q661P3
Product Type	Recombinant Protein
Immunogen Species	Borrelia bavaricensis (strain ATCC BAA-2496 / DSM 23469 / PBi) (Borrelia bavaricensis)
Purity	≥85% (SDS-PAGE)
Sequence	MNKILAAQT LTSEAVSEGH PDKIADQISD AILDEILKVD KNAKVACEVI ITQNLVVIAG EINSVPKKTLDIKEIAKKII KDIGYTNIDY GLDYKTITVI DAIGNQSQDI INAIKKKGSN ALGAGDQGII FGYACDETKN FLPAPYELAN SILKKASNLK KSGAIEWLRP DSKSQVTIEY DKNRRPVKIK NIVSHQHHP NISQKLIREP IIEEIIKPTI QDKSIIDENT TYCINPSGNF VIGGPTGDTG LTGRKIIADS YGGFARHGGG AYSKGDATKV DRSAAYMARY IAKNMVAAGI SKEFELQLAY AIGIENPISI QITSGINDPK YANKILNFIV NNFDLTPNGI IEKLLKQPI YLKTCTYGQL GKNEFEWEKL DFKKIQTIVL KK
Source	E.coli
Target Names	metK
Protein Names	Recommended name: S-adenosylmethionine synthase Short name= AdoMet synthase EC= 2.5.1.6 Alternative name(s): MAT Methionine adenosyltransferase
Expression Region	1-392
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.