



# Recombinant Methionine--tRNA ligase (metG)

<b>Product Code</b>	CSB-BP841261EOD
<b>Abbreviation</b>	metG
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8X7E7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	TQVAKKILV TCALPYANGS IHLGHMLEHI QADVWVRYQR MRGHEVNFIC ADDAHGTPIM LKAQQLGITP EQMIGEMSQE HQTDFAGFNI SYDNYHSTHS EENRQLSELI YTRLKENGFI KNRTISQLYD PEKGMFLPDR FVKGTCPKCK SPDQYGDNCE VCGATYSPTIE LIEPKSVVSG ATPVMRDSEH FFFDLPSFSE MLQAWTRSGA LQEQVANKMQ EWFESGLQQW DISRDAPYFG FEIPNAPGKY FYVWLDAPIG YMGSEFKNLCD KRGDSVSFDE YWKKDSTAEL YHFIGKDIVY FHSLFWPAML EGSNFRKPTN LRVHGYVTVN GAKMSKSRGT FIKASTWLNH FDADSLRYYY TAKLSSRIDD IDLNLEDFVQ RVNADIVNKV VNLASRNAGF INKRFDGVLV SELADPQLYK TFTDAAEVIG EAWESREFGK AVREIMALAD LANRYVDEQA PWVVAQEGR DADLQAICSM GINLFRVLMT YLKPVLPKLT ERAEAFNLTE LTWDGIQQPL LGHKVNPFFKA LYNRIDMKQV EALVEASKEE VKAAAAPVTG PLADDPIQET ITFDDFAKVD LRVALIENAE FVEGSDKLLR LTLDLGGEKR NVFSGIRSAY PDPQALIGRH TIMVANLAPR KMRFGISEGM VMAAGPGGKD IFLLSPDAGA KPGHQVK
<b>Source</b>	Baculovirus
<b>Target Names</b>	metG
<b>Protein Names</b>	Recommended name: Methionine--tRNA ligase EC= 6.1.1.10 Alternative name(s): Methionyl-tRNA synthetase Short name= MetRS
<b>Expression Region</b>	2-677
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.



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