



Recombinant Escherichia coli Methionine--tRNA ligase (metG)

Product Code	CSB-EP635107EGW-B
Abbreviation	metG
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.	Q1R9V8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain UTI89 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MTQVAKKILV TCALPYANGS IHLGHMLEHI QADVWVRYQR MRGHEVNFIC ADDAHGTPIM LKAQQLGITP EQMIGEMSQE HQTDFAGFNI SYDNYHSTHS EENRQLSELI YSRLKENGFI KNRTISQLYD PEKGMFLPDR FVKGTCPKCK SPDQYGDNCE VCGATYSPTTE LIEPKSVVSG ATPVMRDSEH FFFDLPSFSE MLQAWTRSGA LQEQVANKMQ EWFESGLQQW DISRDAPYFG FEIPNAPGKY FYVWLDAPIG YMGSEFNLC D KRGDSVSFDK YWKKDSTAE L YHFIGKDIVY FHSLFWPAML EGSNFRKPTN L FVHGYVTVN GAKMSKSRGT FIKASTWLNH FDADSLRYYY TAKLSSRID D IDLNLEDFVQ RVNADIVNKV VNLASRNAGF INKRFDGVLA SELADPQLYK TFTDAAEVIG EAWESREFGK AIREIMALAD LANRYVDEQA PWVVAKQEGR DADLQAICSM GINLFRVLMT YLKPVLPKLT ERAEAFLNTE LTWDGIQQPL LGHKVNP FKA LYNRIDMKQV EALVEASKEE VKATAAPVTG PLADDPIQET ITFDDFAKVD LRVALIENAE FVEGSDKLLR LTLDLGGEKR NVFSGIRSAY PDPQALIGRH TIMVANLAPR KMRFGISEGM VMAAGPGGKD I FLLSPDAGA KPGHQVK
Source	E.coli
Target Names	metG
Protein Names	Recommended name: Methionine--tRNA ligase EC= 6.1.1.10 Alternative name(s): Methionyl-tRNA synthetase Short name= MetRS
Expression Region	1-677
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

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