



Recombinant Methionine--tRNA ligase (metG)

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| Product Code | CSB-MP371825EJE |
| 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. | A1ACX8 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli O1:K1 / APEC |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MTQVAKKILV TCALPYANGS IHLGHMLEHI QADVWVRYQR MRGHEVNFIC ADDAHGTPIM LKAQQLGITP EQMIGEMSQE HQTDFAGFNI SYDNYHSTHS EENRQLSELI YSRLKENGFI KNRTISQLYD PEKGMFLPDR FVKGTCPKCK SPDQYGDNCE VCGATYSPTL LIEPKSVVSG ATPVMRDSEH FFFDLPSFSE MLQAWTRSGA LQEQVANKMQ EWFESGLQQW DISRDAPYFG FEIPNAPGKY FYVWLDAPIG YMGSEKLNLC D KRGDSVSFDK YWKKDSTAEL YHFIGKDIVY FHSLFWPAML EGSNFRKPTN LRVHGYVTVN GAKMSKSRGT FIKASTWLNH FDADSLRYYY TAKLSSRIDDLNLEDFVQ RVNADIVNKV VNLASRNAGF INKRFDGVLA SELADPQLYK TFTAEEVIG EAWESREFGK AIREIMALAD LANRYVDEQA PWVVAKQEGR DADLQAICSM GINLFRVLM T YLKPVLPKLT ERAEAFLNTE LTWDGIQQPL LGHKVNPFA LYNRIDMKQV EALVEASKEE VKATAAPVTG PLADDPIQET ITFDDFAKVD LRVALIENAE FVEGSDKLLR LTLDLGGEKR NVFSGIRSAY PDPQALIGRH TIMVANLAPR KMRFGISEGM VMAAGPGGKD IFLSPDAGA KPGHQVK |
| Source | Mammalian cell |
| 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 | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. |



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