



Recombinant tRNA (Ile)-lysidine synthase (tilS)

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| Product Code | CSB-MP812579EGX |
| Abbreviation | tilS |
| 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. | Q8FL00 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MTLTLNRQLL SSRQILVAFS GGLDSTVLLH QLVQWRTEPN GVTLRAIHVH HGLSANADAW VKHCENICQQ WQVPLVVERV QLAQEGLGIE AQARQARYQA FARTLLPGEV LVTAQHLDDQ CETFLLALKR GSGPAGLSAM AEVSEFAGTQ LIRPLLARTR GELEQWALAH GLRWIEDESN QDDSYDRNFL RLRVVP LLQQ RWP HFAEATA RSAALCAEQE SLLDELLADD LAHCQTPQGT LQIAPMLAMS DARRAAIIRR WLAGQNAPMP SRDALVRIWQ EVALAREDES PCLRLGAFEI RRYQSQLWWI KSVAGQSETI LPWQTWLQPL ELPAGLGSVQ LTAGGDIRPP RADEAVSVRF KAPGLLHIVG RNGGRK LKKI WQELGVPPWL RDTTPLLFG ETLIAAAGVF VTQEGVAVGE NGVSFVWQKT LSQVKAG |
| Source | Mammalian cell |
| Target Names | tilS |
| Protein Names | Recommended name: tRNA(Ile)-lysidine synthase EC= 6.3.4.19 Alternative name(s): tRNA(Ile)-2-lysyl-cytidine synthase tRNA(Ile)-lysidine synthetase |
| Expression Region | 1-437 |
| 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. |