



Recombinant tRNA (Ile)-lysidine synthase (tilS)

Product Code	CSB-EP812579EGX
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 RLRVVPLLQQ RWPHF AEATA RSAALCAEQE SLLDELLADD LAHCQTPQGT LQIAPMLAMS DARRAAIIRR WLAGQNAPMP SRDALVRIWQ EVALAREDES PCLRLGAFEI RRYQSQLWWI KSVAGQSETI LPWQTWLQPL ELPAGLGSVQ LTAGGDIRPP RADEAVSVRF KAPGLLHIVG RNGGRKLLKI WQELGVPPWL RDTTPLLFG ETLIAAAGVF VTQEGVAVGE NGVSFVWQKT LSQVKAG
Source	E.coli
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.