



Recombinant tRNA (Ile)-lysidine synthase (tilS)

Product Code	CSB-EP731349YAH-B
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.	Q667K7
Product Type	Recombinant Protein
Immunogen Species	Yersinia pseudotuberculosis serotype I (strain IP32953)
Purity	≥85% (SDS-PAGE)
Sequence	MNLVTSKPNV LLNPLFAQLG ENRHVLVGFS GGLDSTVLLH LLVCLRQQLI PELNIRAIHI HHGLNPQADS WVKHCMQQCD QWKIELKVVR VNIDPRQNGI EAAARTARYQ AFSANLAAKE VLLTAQHLLD QCETFLLALK RGSGPAGLSA MAAKMPFAHS QLLRPLAFS REILENYAQA QQLQWIEDDS NQDDRFDRNF LRLNVLPILN QRWPHFAQAT ARSAGLCAEQ EQLLELLAE NLQQLQGPDR SLSIDGLLQA SMAKRAAILR RWLASLGAPM PSQSQLQRLW LEVAMARQDA EPQLMIGTRQ VRRFRQHLYL LMPLAEITN YLPWATVKAA PNSSIIPLLP EPLWL PADLG VLRVFSAGGQ AVRPAAVGEE ISVRFGLQGD IKIVGRHHSR QSKKVWQELG IPPWQRERIP LLYFGEQLIA AAGVFVTQAG QANENPCWH LDWDKPLKLG
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	1-460
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.