



# Recombinant tRNA (Ile)-lysidine synthase (tilS)

<b>Product Code</b>	CSB-YP731349YAH
<b>Abbreviation</b>	tilS
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q667K7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Yersinia pseudotuberculosis serotype I (strain IP32953)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MNLVTSKPNV LLNPLFAQLG ENRHVLVGFS GGLDSTVLLH LLVCLRQQLI PELNIRAIHI HHGLNPQADS WVKHCMQQCD QWKIELKVVR VNIDPRQNGI EAAARTARYQ AFSANLAAKE VLLTAQHLLD QCETFLLALK RGSGPAGLSA MAAKMPFAHS QLLRPLAFS REILENYAQA QQLQWIEDDS NQDDRFDRNF LRLNVLPIIN QRWPHFAQAT ARSAGLCAEQ EQLLELLAE NLQQLQGPDR SLSIDGLLQA SMAKRAAILR RWLASLGAPM PSQSQLQRLW LEVAMARQDA EPQLMIGTRQ VRRFRQHLYL LMPLAEITN YLPWATVKAA PNSSIIPLLP EPLWL PADLG VLRVVSAGGQ AVRPAAVGEE ISVRFGLQGD IKIVGRHHSR QSKKVWQELG IPPWQRERIP LLYFGEQLIA AAGVFVTQAG QANENPCWH LDWDKPLKLG
<b>Source</b>	Yeast
<b>Target Names</b>	tilS
<b>Protein Names</b>	Recommended name: tRNA(Ile)-lysidine synthase EC= 6.3.4.19 Alternative name(s): tRNA(Ile)-2-lysyl-cytidine synthase tRNA(Ile)-lysidine synthetase
<b>Expression Region</b>	1-460
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.