



Recombinant Escherichia coli tRNA pseudouridine synthase A (truA)

Product Code	CSB-EP019086ENP-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B1IXM4
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain ATCC 8739 / DSM 1576 / Crooks)
Purity	>85% (SDS-PAGE)
Sequence	MSDQQQPPVY KIALGIEYDG SKYYGWQRQN EVRSVQEKLE KALSQVANEP ITVFCAGR TD AGVHGTGQVV HFETTALRKD AAWTLGVNAN LPGDIAVRWV KAVPDDFHAR FSATARRYRY IYNHRLRPA VLSKGVTHFY EPLDAERMHR AAQCLLGEND FTSFRAVQCQ SRTPWRNVMH INVTRHGPYV VVDIKANAFV HHMVRNIVGS LMEVGAHNQP ESWIAELLAA KDRTLAAATA KAEGLYLVAV DYPDRYDLPK PPMGPLFLAD
Source	E.coli
Target Names	truA
Protein Names	Recommended name: tRNA pseudouridine synthase A EC= 5.4.99.12 Alternative name(s): tRNA pseudouridine(38-40) synthase tRNA pseudouridylate synthase I tRNA-uridine isomerase I
Expression Region	1-270
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.