



Recombinant Methylococcus capsulatus tRNA pseudouridine synthase D (truD)

Product Code	CSB-EP723313MFM
Abbreviation	truD
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.	Q604M0
Product Type	Recombinant Protein
Immunogen Species	Methylococcus capsulatus (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MTGHPDCPGF DDLPRAHGEV TCRGRIRVSP EDFRVDEILG FEPTGQGEHA FLHIRKTGEN TDHVAQRIAR LAGVKPMDVG YAGLKDRHAV TTQWFSVRLA GKADPDWRAL ESESIIVLRH TRHDRKLKRG ALAGNRFRII LRGLEGVCDG LEARCAAIRA AGVPNYFGPQ RFGHGGRNLQ EALRLFADPR RRIDRNKRSL YLSAARSYLF NRVLAGRVEH GSWNRGVEGD AFMFTGSNAF FKTDKLDEDI QRRVEALTIH PSGTLWGRGD PVISGTALAM ERVALAQCAE FREGLERCGL EVGRRALRLP VPDLEFAGVE DSACELTFSL PAGTYATTVL RELVEFDPQG WPDT
Source	E.coli
Target Names	truD
Protein Names	Recommended name: tRNA pseudouridine synthase D EC= 5.4.99.27 Alternative name(s): tRNA pseudouridine(13) synthase tRNA pseudouridylate synthase D tRNA-uridine isomerase D
Expression Region	1-354
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.