



Recombinant *Thermoproteus neutrophilus* Probable tRNA pseudouridine synthase D (truD)

Product Code	CSB-MP459838TNE
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.	B1Y9W7
Product Type	Recombinant Protein
Immunogen Species	<i>Pyrobaculum neutrophilum</i> (strain DSM 2338 / JCM 9278 / V24Sta) (<i>Thermoproteus neutrophilus</i>)
Purity	≥85% (SDS-PAGE)
Sequence	MIEAPPFDRS LGMLYYATDT YPSGGVIKAK PEDFLVEEVL YDGTVVALEG VSIEPRVGGW TWIHVVKRNV DTVKLVLR LA KALGLRSRDI SIGGIKDTRA VTSQIVSVRG NVADLPKIPN VQFLGLWPMD KPIAPSLIYG NRFTIVLRNV ERRECAEAAL AALGKAALPN YYGYQRFGTI RPSHLLGKA LLRKDAEGFF HVMFCKIFPY ESEAACKARE LACRGEYQKA LEAFPRGFVE ERALLRRLVR GSDLWNAAMA IPLQILRIYI EAAQSHLFNL LLSKRMELGP LDRPVEGDLV EVNGQVTTYV EDLGGEVVVP VVGAGVRMPR GRVLEAFVKV LKEEGLEPSA FLQMPRGLRA YGSYRRARLQ ARDLAYSLGD DLVLRVFLPR GGYATVLLRE VVKPTEPYRH GF
Source	Mammalian cell
Target Names	truD
Protein Names	Recommended name: Probable 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	1-412
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.