



Recombinant *Saccharomyces cerevisiae* tRNA pseudouridine (38/39) synthase

Product Code	CSB-EP341201SVG-B
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.	P31115
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSNFIRRLVG KMKAISTGTN AIVSKKDSIY ANWSKEQLIR RITELNANK PHSEKFQHIE DNKKRKISQE EVTRSKAKKA PKKDFFSKHN TRFIALRFAY LGWNYNGLAV QKEYTPLPTV EGTILEAMNK CKLVPSMVLQ DYKFSRCGRT DKGVSAMNQV ISLEVRSNLT DEEQRDPTND SREIPYVHVL NQLLPDDIRI SAVCLRPPPN FDARFSCVHR HYKYIFNGKN LNIKMSKAA SYFVGERDFR NFCKLDGSKQ ITNFKRTIIS SKILPLSETF YCFDLVGSFAF LWHQVRCMMA ILFLVGQSLE VPEIVLRLTD IEKTPQRPVY EMANDIPLL YDCKFPEMDW QEPTVDDYKA IKFTTATEAL TLHYELKAAV CNIFKDVLP ANTNNFSKI INLGDGRGKV VGTYYKLEDR SVMPEVEVN AKYSKKKNNK NK
Source	E.coli
Target Names	DEG1
Protein Names	Recommended name: tRNA pseudouridine(38/39) synthase EC= 5.4.99.45 Alternative name(s): Depressed growth-rate protein DEG1 tRNA pseudouridine synthase 3 tRNA pseudouridylate synthase 3 tRNA-uridine isomerase 3
Expression Region	1-442
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.