



Recombinant *Saccharomyces cerevisiae* tRNA-dihydrouridine (16/17) synthase [NAD (P) (+)]

Product Code	CSB-EP347229SVG-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.	P53759
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	TEPALSSAN NALMQKLTGR QLFDKIGRPT RIVAPMVDQS ELAWRILSRR YGATLAYTPM LHAKLFATSK KYREDNWSSL DGSSVDRPLV VQFCANDPEY LLAAAKLVED KCDAVDLNLG CPQGIKKGH YGSFLMEEWD LIHNLINTLH KNLKVPVTAK IRIFDDCEKS LNYAKMVLDA GAQFLT VHGR VREQKGQKTG LANWETIKYL RDNLPKETVF FANGNILYPE DISRCMEHIG ADAVMSAEGN LYNPGVFVNG QTKNKEKIFP RVDKIIREYF QIVKECQESK ASKTAMKSHF FKILRPFLPH HTDIRSTLAT MNAKATWEEW EEQVVKPVEK VVQEIFEQPD IAIKDEITIG EKQSWGGSYR TVPYWRCQPY FRPVNGITGD KRVMQGLIDE SVNKKRKADV PLESADKKKD VKA
Source	<i>E.coli</i>
Target Names	DUS1
Protein Names	Recommended name: tRNA-dihydrouridine(16/17) synthase [NAD(P)(+)] EC=1.3.1.88 Alternative name(s): tRNA-dihydrouridine synthase 1
Expression Region	2-423
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 of Mature 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.