



Recombinant *Saccharomyces cerevisiae* 21S rRNA pseudouridine (2819) synthase (PUS5)

Product Code	CSB-YP312344SVG
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.	Q06244
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSLKKQIPII FENTHYFIVN KPPGIPSQPP DCRTWGRTHP NLDPTPLLER FKAIYYSHRE VELCRTVHRL DHCVTGGMLI AKTKDGSVKF SRFLQKGGNN GYKLQRKYVA IVESGRFNK PNNYEIKYGP KYNFLISHGG REITKFKEVD ENCIVLQLVT GKKHQIRNHV SQILNQPILN DKRHGSTVNF PELFNDQIAL HSACIITKIG LQTKTHLIPM EHNNTGQLWS RKYVNEEGEF TLPIKEVLLE NWDQ
Source	Yeast
Target Names	PUS5
Protein Names	Recommended name: 21S rRNA pseudouridine(2819) synthase EC= 5.4.99.43Alternative name(s): Pseudouridine synthase 5 Pseudouridylylate synthase PUS5 Uracil hydrolyase PUS5
Expression Region	1-254
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.