Recombinant Saccharomyces cerevisiae tRNA pseudouridine (31) synthase

Product Code	CSB-BP347188SVG
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.	P53294
Product Type	Recombinant Protein
Immunogen Species	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSTIKVIEVY TQNGLRKVRP YYNRRSAFVK GRWLGKLLID VLVSEFKLRP RAYYLDQIRK GTYRLIRDGV PLVPDHLMTT IIKNHDVLET TTHKHEPPVK QWCSQEVEAE DLPGRIAGFN IVFEDESILV IDKPSGIPVH PTGQFYQNTI TELLKLHGVD ALPCYRLDKI TSGLLILAKN SQSAGEIQKS IRSRDMIKIY LARVKGRFPH SELILDNENA AETTFEDTSK VTVEMTPIYS IDPKRQFPVG LSTSKDAITK FYPIRYFSHA DETVVACKPI TGRTHQIRIH LARLGHPIVN DSVYCSHITK YPERLKFITQ FPRWENQQDL DAEELKVRFQ KFVDETKNNC RTMETFCPEC HTVDLKDPVL SDLELWLHAW KYEEINGKFK FKTDLPKWAQ LDNS
Source	Baculovirus
Target Names	PUS6
Protein Names	Recommended name: tRNA pseudouridine(31) synthase EC= 5.4.99.42 Alternative name(s): Pseudouridine synthase 6 Pseudouridylate synthase 6 Uracil hydrolyase tRNA pseudouridine 31 synthase Short name= PSI31 synthase
Expression Region	1-404
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.