



# Recombinant *Saccharomyces cerevisiae* tRNA pseudouridine (31) synthase

<b>Product Code</b>	CSB-EP347188SVG-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	P53294
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSTIKVIEVY TQNGLRKVRP YYNRRSAFVK GRWLGKLLID VLVSEFKLRP RAYYLDQIRK GTYRLIRDGV PLVPDHLMTT IKNHDVLET TTHKHEPPVK QWCSQEVEAE DLPGRIAGFN IVFEDESILV IDKPSGIPVH PTGQFYQNTI TELLKLHGVD ALPCYRLDKI TSGLLILAKN SQSAGEIQKS IRSRDMIKIY LARVKGRFPH SELILDNENA AETTFEDTSK VTVENTPIYS IDPKRQFPVG LSTSKDAITK FYPIRYFSHA DETVVACKPI TGRTHQIRIH LARLGHPVN DSVYCSHITK YPERLKFITQ FPRWENQQDL DAEELKVRFQ KFDVETKNNC RTMETFCPEC HTVDLKDPVL SDLELWLHAW KYEEINGKFK FKTDLPKWAQ LDNS
<b>Source</b>	<i>E. coli</i>
<b>Target Names</b>	PUS6
<b>Protein Names</b>	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
<b>Expression Region</b>	1-404
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.