



Recombinant *Schizosaccharomyces pombe* Probable tRNA pseudouridine synthase 4 (SPBC11C11.10, SPBC3B8.13c)

Product Code	CSB-MP527624SXV
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.	O59721
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MTVTNTYNPT LFFTRVVFQR ITKFTAKANE ENEILFYALF VADLCLDMKG GLIANKPSG RTSAQCLNEL KKIISNSELA QYFRPAPPHP NDRNRRRRKS NRLPDIKIGH GGTLDPLASG VLVVGLGTGT KQLSSLLSCM KTYRATALFG CSTDYDSAG KIIKIAVHIP TKEEILSGLD AFRGDISQLP PLYSALHIQG KRLYEYAREG IPLPESIKAR SMHCEELILK DFIPKEEHTY TDPDEFASKE AIESELLRP IEGGAERHDL LAKTEQDINP QDGDEKINAK SPTTNSVTDV AKDQVTNPK KRKFEVTDLA RGSRPAIGPI AVLDMTVSSG FYVRSLIHDL GRQVNSEAHM VDLVRLKQGS FALDDENCFD FSEFSAPGWE EKLAAAFKID LKGDETS
Source	Mammalian cell
Target Names	SPBC11C11.10
Protein Names	Recommended name: Probable tRNA pseudouridine synthase 4 EC= 5.4.99.25 Alternative name(s): tRNA pseudouridine(55) synthase Short name= Psi55 synthase tRNA pseudouridylate synthase 4 tRNA-uridine isomerase 4
Expression Region	1-407
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.



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