



Recombinant Schizosaccharomyces pombe tRNA pseudouridine synthase 2 (pus2)

Product Code	CSB-EP530880SXV-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.	O94295
Product Type	Recombinant Protein
Immunogen Species	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MTSISKRKNQ QEHIPAEDLE TPKLPKREKI EGTKESNKVR IILLGYSGY GYHGIQINNP LKTIEGDVVA VLKKLGYLKT NNIDAEHL CI ARAARTDKGV HTLRNLISLN LFVDKPLDIS LLKTELNEAL CSQIRVWSVF PAPKYFNPRI SCESRTYEYL IPSFALLPPK PSCPLFKKMQ KNLSRKLDNE LERNLVYSMN DLISFWNTVK LKQKEIQEMF DTNKDAFTNP FKGMFYEKPI PAGIVIPPQA KLKKALKQAE YYCYMNYRIK EDRLKVLQQL LKKYEGRHNF HNFTVTDDST SPSNYRFIES VTCGTPFVYE NWEWIPVTIK GNSFMLNQIR KMMAHVLMII RSCAPTGLID KAFDPNITMN ISKSPGHVLL LKDIKFSSYN DSVTDGLEKI QFDCFEEDIL SLKIKTIYPD IIKLEQKEKL FFSFLSYIDQ HTGHQFDYLF G
Source	E.coli
Target Names	pus2
Protein Names	Recommended name: tRNA pseudouridine synthase 2 EC= 5.4.99.- Alternative name(s): tRNA pseudouridylate synthase 2 tRNA-uridine isomerase 2
Expression Region	1-451
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.