



Recombinant *Saccharomyces cerevisiae* Thymidylate synthase (CDC21)

Product Code	CSB-MP025393SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P06785
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MTMDGKNKEE EQYLDLCKRI IDEGEFRPDR TGTGTLSLFA PPQLRFSLRD DTFPLLTTKK VFTRGIILEL LWFLAGDTDA NLLSEQGVKI WDGNGSREYL DKMGFKDRKV GDLGPVYGQ WRHFGAKYKT CDDDYTGQGI DQLKQVIHKL KTNPYDRRII MSAWNPADFD KMALPPCHIF SQFYVSFPKE GEGSGKPRLS CLLYQRSCDM GLGVPFNIAS YALLTRMIAK VVDMPEGEFI HTLGDAHVYK DHIDALKEQI TRNPRPFPKL KIKRDVKDID DFKLTDFEIE DYNPHPRIQM KMSV
Source	Mammalian cell
Target Names	CDC21
Protein Names	Recommended name: Thymidylate synthase Short name= TS Short name= TSase EC= 2.1.1.45 Alternative name(s): Cell division cycle protein 21 Constitutive RNR3 transcription protein 9
Expression Region	1-304
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.