



Recombinant *Saccharomyces cerevisiae* Threonine--tRNA ligase, mitochondrial (MST1)

Product Code	CSB-EP362079SVG
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.	P07236
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	QDLFM TDPLSPGSMF FLPNGAKIFN KLIEFMKLQQ KFKFGFNEVV TPLIYKKTW EKSGHWENYA DDMFKVETD EEKKEYGLKP MNCPGHCLIF GKKDRSYNEL PLRFSDFSPL HRNEASGALS GLTRLRKFHQ DDGHIFCTPS QVKSEIFNSL KLIDIVYNKI FPFVKGSGA ESNYFINFST RPDHFIGDLK VWNHAEQVLK EILEESGKPW KLNPGDGAFY GPKLDIMVTD HLRKTHQVAT IQLDFQLPER FDLKFKDQDN SYKRPIMIHR ATFGSIERFM ALLIDSNEGR WPFWLNPYQA VIIPVNTKNV QQLDMCTALQ KKL RNELEAD DMEPVPLNDW HFNVLDIRN EPVGYRIKSA ILKNYSYLII VGDEEVQLQK YNIRERDNRK SFEKLTMSQI WEKFIELEKN YK
Source	E.coli
Target Names	MST1
Protein Names	Recommended name: Threonine--tRNA ligase, mitochondrial EC= 6.1.1.3 Alternative name(s): Threonyl-tRNA synthetase Short name= ThrRS
Expression Region	46-462
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 of Mature 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.