



Recombinant *Schizosaccharomyces pombe* Tyrosine--tRNA ligase, cytoplasmic (tys1)

Product Code	CSB-EP522628SXV-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.	O14055
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSLTPDEKYE LITRNLQEV L GAKMIREILN ERDISLYWGS APTGRPHCGY FVPMMKLADF LKAGVHVTVL LADVHAF L DN MKAPMELVQH R VRYYEIIVK SILKSLNIPI EKLR FVIGSS YQLKEDY TLD NFR LAASTE HTARRAGAEV VKQVASPLLS SLIYPGMQAL DEQYLGVDVQ FGGVDQRKIF VMAEEVLPVL GYK KRGHLMN PMVPSLAGGK MSSSAAANAK IDILDDPKTV NKKIRSAFCE PGVVEENGCL AFLKYVSFPA MELRGETEFV IDRPEQFGGR MVFKTYEEVE KAYKDLTLSP QDLKLGLESS VNTLLAGVQE QLKQY PDLDS ILKAAYPDPK DLKKAMKQKK QDKKNAKKAG TTNASIAAES GAAPATESQT AESFKKLNLD D
Source	E.coli
Target Names	tys1
Protein Names	Recommended name: Tyrosine--tRNA ligase, cytoplasmic EC= 6.1.1.1 Alternative name(s): Tyrosyl-tRNA synthetase Short name= TyrRS
Expression Region	1-401
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.