



Recombinant Schizosaccharomyces pombe Serine--tRNA ligase, mitochondrial (dia4)

Product Code	CSB-EP892225SXV-B
Abbreviation	dia4
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.	Q9UTB2
Product Type	Recombinant Protein
Immunogen Species	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥85% (SDS-PAGE)
Sequence	RSSWQAIL NYKYIYQNAE AVQRNCINRN LQAI AETVPK IRSLIDEKES LKNEFFPLLS LKKEITLQIE RCSDPNERGK LVNEAKGLKK KTEEYNKIIS KVTNDLYQYC LAVPNTTLPT VPVGPEDKAV VVQKIGSPLV KKTGSLKDHL QIANEGINLE DAAQASGHSF CYTTGDIALI EMAITNYAMD FAISKGWCPV IPPTIVRTDI ALACGFQPRD EEGQQIYELD SYTSPLVSSP KQCLIGTAEI SLAALGFKKT FNNFTEKVV GVSRAYRREA GARGKENRGL YRLHEFTKVE LFAWTHPSRS SEMFNEIVNF QKEFVETLKI PARILNMPTA ELGSSASQKY DIEAWMPARQ SYGEITSASN CLEYQARRLL TRYRNDKDSG FVHTLNGTAA AIPRLIAIL ENHQQEDGTV KVPETLVPYI HKEYLFAK
Source	E.coli
Target Names	dia4
Protein Names	Recommended name: Serine--tRNA ligase, mitochondrial EC= 6.1.1.11 Alternative name(s): Seryl-tRNA synthetase Short name= SerRS Seryl-tRNA(Ser/Sec) synthetase
Expression Region	43-479
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.