



Recombinant *Saccharomyces cerevisiae* Serine--tRNA ligase, mitochondrial (DIA4)

Product Code	CSB-YP336481SVG
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.	P38705
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MIIRRLFSIS NRSFFLKKPQ FDVKKIEMI PQYQTSIQNR ELIEADSIIR SLQLLGERYQ NIKRIDKIVA DIQIRKSIE AQIKKDKTKI TEYSAALKAL KEQYNDQNSK SSELKKKILE TCKSLPNTLD PTVPLDAPQI EQWINPLKTH KTSEAQAHDV IMLKKNMLDL QTASNVGTMS WYLLNDGAR LEQALVAYAL KKANENGFSS CVPPSITKKE LIDACGFNPR DMNNERQIYA LQDTNLGLVA TAEIPLAGLG ANKVLELNSG ECSKKLVGVS RCYRAEAGAR GKDTKGLYRV HEFTKVELFC WSKPETSARKV LEEIKQFQIS VVEELGIPAK VLNMPSTNDLG NPAFKKYDIE AWMPGRGKFG EISSASNCTD FQSRRLNTKY RDDNTGKLEY VHTLNGTAMA IPRVIVALVE NFYDPSTGKI SVPECLREFM NGQRYI
Source	Yeast
Target Names	DIA4
Protein Names	Recommended name: Serine--tRNA ligase, mitochondrial EC= 6.1.1.11 Alternative name(s): Digs into agar protein 4 Seryl-tRNA synthetase Short name= SerRS Seryl-tRNA(Ser/Sec) synthetase
Expression Region	1-446
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.