



Recombinant *Saccharomyces cerevisiae* Lipoyl synthase, mitochondrial (LIP5)

Product Code	CSB-EP514975SVN-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.	C8ZGV5
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain Lalvin EC1118 / Prise de mousse) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	SS TIRCGTSATR PIRSNALNTD SDNASVRVPV GNSTEVENAT SQLTGTSGKR RKGNRKRITE FKDALNLGPS FADFVSGKAS KMILDPLEKA RQNTTEEAKKL PRWLKVPIPK GTNYHKLKGD VKELGLSTVC EEARCPNIGE CWGGKDKSKA TATIMLLGDT CTRGCRFCSV KTNRTPSKPD PMEPENTAEA IKRWGLGYVV LTTVDRDDL V DGGANHLAET VRKIKQKAPN TLVETLSGDF RGDLKMVDIM AQCGLDVYAH NLETVESLTP HVRDRRATYR QSLSVLERAK ATVPSLITKT SIMLGLGETD EQITQTLKDL RNIQCDVVTF GQYMRPTKRH MKVVEYVKPE KFDYWKERAL EMGFLYCASG PLVRSSYKAG EAFIENVLKK RNMK
Source	E.coli
Target Names	LIP5
Protein Names	Recommended name: Lipoyl synthase, mitochondrial EC= 2.8.1.8 Alternative name(s): Lipoate synthase Short name= LS Short name= Lip-syn Lipoic acid synthase
Expression Region	19-414
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.