



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

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| Product Code | CSB-MP465046SVP |
| 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. | B3LJM6 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Saccharomyces cerevisiae</i> (strain RM11-1a) (Baker's yeast) |
| Purity | >85% (SDS-PAGE) |
| Sequence | SS TIRCGTSATR PIRSNALNTD SDNASVRVPV GNSTEVENAT SQLTGTSGKR RKGNRKRITE FKDALNLGFS 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 RNIQCDVVTG GQYMRPTKRH MKVVEYVKPE KFDYWKERAL EMGFLYCASG PLVRSSYKAG EAFIENVLKK RNMK |
| Source | Mammalian cell |
| 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. |
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