



Recombinant *Oryza sativa* subsp. *indica* Lipoyl synthase 1, chloroplastic (LIP1P-1)

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|--------------------------|---|
| Product Code | CSB-EP488969OFF-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. | B8AA76 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Oryza sativa</i> subsp. <i>indica</i> (Rice) |
| Purity | >85% (SDS-PAGE) |
| Sequence | AEA APPAPAPAAR RAAGPYTGRD PEVKKPAWLR QRAAQGEKYA RLRESIGELK LNTVCVEAQC PNIGECWNGG GGAGGEDGI ATATIMVLGD TCTRGCRFCA VKTSNKPPPP DPLEPLNTAL AVASWGVDYV VLTSVDRDDL PDGGSSHFAQ TVRALKELKP GILVECLTSD FRGDLEAVSA LANGLDVFA HNIETVRS LQ RIVRDPRAGY DQSLAVLKHA KSCKEGMITK SSIMLGLGET DEEVKQAMID LRAIGVDILT LGQYLQPTER HLTVREYVTP EKQFWKEYG ESVGFYVAS GPLVRSSYRA GELFVQNLVR NNKPKLPASS |
| Source | E.coli |
| Target Names | LIP1P-1 |
| Protein Names | Recommended name: Lipoyl synthase 1, chloroplastic EC= 2.8.1.8 Alternative name(s): Lipoate synthase 1 Short name= LS 1 Short name= Lip-syn 1 Lipoate synthase, plastidial 1 Short name= LIP1p 1 Lipoic acid syntha |
| Expression Region | 38-370 |
| 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. |