



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

Product Code	CSB-EP736542OFG-B
Abbreviation	LIP1P-1
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.	Q5ZAQ2
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	AEA APPAPAPAAR RAAGPYTGRD PEVKKPAWLR QRAAQGEKYA RLRESIGELK LNTVCVEAQC PNIGECWNGG GGAGGEDGI ATATIMVLGD TCTRGCRCFA VKTSNKPPPP DPLEPLNTAL AVASWGVDYV VLTSVDRDDL PDGGSSHFAQ TVRALKELKP GILVECLTSD FRGDLEAVSA LANSGLDVFA HNIETVRSRQ RIVRDPRAGY DQSLAVLKHA KSCKEGMITK SSIMLGLGET DEEVKQAMID LRAIGVDILT LGQYLQPTER HLTVREYVTP EKQFQWKEYG ESVGFYVAS GPLVRSSYRA GELFVQNLVR NKNPKLPASS
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 synthase
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.