



Recombinant *Oryza sativa* subsp. *indica* Lipoyl synthase, mitochondrial (LIP1)

Product Code	CSB-EP387244OFF-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.	A2XU53
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>indica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	QTLDPSTPSP AAPPTAGRL AELRQRLQAD APSLGDFTYS VEVGTRKKPL PKPKWMKETI PGGAKYAGIK AKLRELKLT VCEEARCPNL GECWSGGGETG TATATIMILG DTCTRGCRFC NVKTSRTPPP PDPDEPSNVA QAIASWGLEY IVITSVDRDD LPDQGSQHFA ETVQKLKVLK PEMLIEALVP DFRGDPACVE KVATSGLHVF AHNIETVEEL QRNVRDHRAN FKQSIDVLKL AKEYAPAGTL TKTSIMLGCG ETPDQVISTM EKVRAAGVDV MTFGQYMRPS KRHMPVSEYV TPEAFERYRS LGVDMGFRYV ASGPMVRSSY KAGEFYIKAM IEADRAKATT AI
Source	E.coli
Target Names	LIP1
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	31-382
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.