



Recombinant Plasmodium falciparum Lipoyl synthase, apicoplast (lipA)

Product Code	CSB-EP811578EWP-B
Abbreviation	lipA
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.	Q8IDQ0
Product Type	Recombinant Protein
Immunogen Species	Plasmodium falciparum (isolate 3D7)
Purity	>85% (SDS-PAGE)
Sequence	VITKNLK KTKKRTCSYI PHGNMEKGII LNYIEKPMPA YLKRKGNKKNK NKNKKGDIYK LRNVEILLYA NRYVHEGNEN FSSTTKLLL TPKVGNKMPE GKKPDWFHVA APTVAKYNKL KDDIKLNLH TVCEEAQCPN IGECWNIGTA TIMLLGDTCT RGCKFCSIKT SSNPLPPDIN EPFNTAKAIC EWNIDYVVLV SVDRDDLDPG GASHFAKTVE LVKFSRPDIL IECLVSDFQG NIDSVRKLA SGLDVYAHNI ETVKRLQKYV RDKRANYDQS LFVLKTAKEI NPQLYTKTSI MLGLGETKEE VIQTMYPDARK NNIDVITFGQ YLRPTKNHLS IVQYISPMF EYYKEEGLKM GFKYIASGPL VRSSYKAGEY FIKNLVNQRN KDKKN
Source	E.coli
Target Names	lipA
Protein Names	Recommended name: Lipoyl synthase, apicoplast EC= 2.8.1.8 Alternative name(s): Lipoate synthase Short name= LS Short name= Lip-syn Lipoic acid synthase
Expression Region	24-415
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.