



Recombinant Lipoyl synthase, apicoplast (lipA)

Product Code	CSB-EP766400PMT-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.	Q7RBD6
Product Type	Recombinant Protein
Immunogen Species	Plasmodium yoelii yoelii
Purity	>85% (SDS-PAGE)
Sequence	YSIL VYGISKDRKC CEYGNSVDSS KILYIAGSVR KRRKTFEKKI NVSNFEREGR ANGYKHIDNK GIYATKQNLE FDEARNKEAN ENNKNDATTV NRKIIIESEN KNNHNNQEQN IKDCYTNENA QNDEKNKKVK IPKVGNAMPE KKPDWFHVPA PNGEKYKCLK SDLGKCLKLHT VCEEAQCPNI GECWNIGTAT IMLLGDTCTR GCKFCSIKTS SKPPPPDINE PFNTAKAICE WDINYIVITS VDRDDLDPGG ADHFAKTVEL IKFSKPSILI ECLVSDFQGN IDSIKRLALS GLDVYAHNIE TVKRLQKYVR DKRANYEQL YVLKKAKEIN PNLTKTSIM LGLGETQDEV LQTMKDARSN DIDVITFGQY LRPTKNHLNV VEYISPQMFN YYKDVGLKMG FKYIASGPLV RSSYMAGEYF MKNMVEKGRN QKNQQIKPVE LKLVTDLKL TECIQKEIKH REISVFIQVH AFLVNVFVLV RA
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	17-502
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.