



# Recombinant Lipoyl synthase, apicoplast (lipA)

<b>Product Code</b>	CSB-BP766400PMT
<b>Abbreviation</b>	lipA
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q7RBD6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Plasmodium yoelii yoelii
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	YSIL VYGISKDRKC CEYGNSVDSS KILYIAGSVR KRRKTFEKKI NVSNFEREGRN 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 LKLVTCLDKL TECIQKEIKH REISVFIQVH AFLVNVFVLV RA
<b>Source</b>	Baculovirus
<b>Target Names</b>	lipA
<b>Protein Names</b>	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
<b>Expression Region</b>	17-502
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.