



Recombinant Lipoyl synthase, apicoplast (lipA)

Product Code	CSB-MP771386TOV
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.	Q86G50
Product Type	Recombinant Protein
Immunogen Species	Toxoplasma gondii
Purity	>85% (SDS-PAGE)
Sequence	GALSVSQ CSRRVSLGPL LSRVSSVSCT PSAAASALAS SLYPTDSLSS VEGSVAPRPP PSSLAFVLR VPPAAYSSSL SPSVLRFKHS LPRPLQGSV CAPGILGGAA GSARFAGCCG SQGRSCGSGK NPELPLKGSK DEVIPRVGTS TAGPRPDWFH VPAPQAASRG AEESRYQQLQ KQIRGLDLHT VCEEAKCPNI GECWNGGTAT LILLGDTCTR GCRFCAIKTS SKPPPPDPLE PEKVADAVAK WDIDYVVM TS VDRDDMPDGG AGHFARTVQL VKKAKPSMLI ECLVSDFQGM EESVRTLAQS GLDVYAHNIE TVRRLTPYVR DKRAKYDQSL RVLHLAKQFN PSLFTKSSIM LGLGETSEEV VRTLRLDRDH DVDVVTLGQY LRPTKQQLGV VEYVTPETFK KYQDIAEEMG FKYVASGPLV RSSYKAGEYY MKHLIDDARK HGRRETVKQV KLEADVGTKL GTTTTFQVNE KEA
Source	Mammalian cell
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	64-543
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.