



Recombinant Plasmodium knowlesi Lipoyl synthase, apicoplast (lipA)

Product Code	CSB-MP461165EWU
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.	B3L8F2
Product Type	Recombinant Protein
Immunogen Species	Plasmodium knowlesi (strain H)
Purity	>85% (SDS-PAGE)
Sequence	NRTTVAS AIRASYDMPP KELRVGDMLK KTSQPNCNYR TRGKCRKFFF VWKLDKMRDA HLGVQAKRRK NHLRSGSATY EASLGEHQLK GKRKESATNV EKEKKEKEQQ EERLPVPKVG NKMPEKKPDW FHVPAPTGKK YNKLKEDLKK LKLHTVCEEA QCPNIGECWN IGTATIMLLG DTCTRGCKFC SIKTSSKPLA PDANEPFNTA KAICEWDINY VVLTSVDRDD LPDGGASHFA KTIELIKFSR PEILIECLVS DFQGNVDSIR KLANSGMVEVY AHNIETVRRRL QKFVRDRRAN YEQSLRVLKI AKEINPMLYT KTSIMLGLGE TKEEVLEAMS DVRQHNIDVI TFGQYLRPTK NHLNVVEYVS PQMFDYKKE GMKMGFKYIA SGPLVRSSYK AGEYFMKSLV EQRRGAKTHA QG
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	24-442
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.