



Recombinant *Sulfolobus acidocaldarius* Probable lipoyl synthase (lipA)

Product Code	CSB-YP678199FOZ
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.	Q4JBV4
Product Type	Recombinant Protein
Immunogen Species	<i>Sulfolobus acidocaldarius</i> (strain ATCC 33909 / DSM 639 / JCM 8929 / NBRC 15157 / NCIMB 11770)
Purity	>85% (SDS-PAGE)
Sequence	MKSEVVVRIN ENFKKLSRIV SEKGISTVCE EALCPNIMEC WSGGTATFMI MGDICTRGCR FCYVKKGKPV LLDHEEPIKV AEAVREMGLD YVVITSVDRD DLADGGASHF SQVVKAVKEM NPDVIVEVLT PDFMGNKELV EKVIGSGVDV FAHNVETVRS LTPLVRDARA SYEQSLRVLS YAKNVVKKSS ILLGLGESLE EVVETMKDLR NVGVDILVLS QYMRPSIKQL EVKKRYNMEE YKELEKIAYS LGFSYVVALP HARTSYRAKE AYLRAMANVK NNNRWS
Source	Yeast
Target Names	lipA
Protein Names	Recommended name: Probable lipoyl synthase EC= 2.8.1.8 Alternative name(s): Lip-syn Short name= LS Lipoate synthase Lipoic acid synthase Sulfur insertion protein LipA
Expression Region	1-286
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 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.