



Recombinant *Pyrobaculum aerophilum* Probable lipoyl synthase (lipA)

Product Code	CSB-MP838520FHU
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.	Q8ZUR9
Product Type	Recombinant Protein
Immunogen Species	<i>Pyrobaculum aerophilum</i> (strain ATCC 51768 / IM2 / DSM 7523 / JCM 9630 / NBRC 100827)
Purity	≥85% (SDS-PAGE)
Sequence	MIPSWVSLRA GDYEKIINVR RALSRHGIYT VCEGAKCPNI FHCWGEGTAT FMILGEVCTR ACRFCVVRTG NPRGYVDWGE VDRLVEAVRE LGLKYVVVTS VARDDLDPDGG ASVFAAVVKK LREVGCVVEV LVPDFGGSPA SVKTVVSSGP DVFAHNVETV RRLTPLVRDR RAGYERSLSV LKYAKEFGAP LTKSGLMLGL GETFEEVVET LEDLRRADVD IVTIGQYIKP SGSPRHLPV RYATPEEFAK IKEVAVSLGF KAVASGPLVR SSKAYSLEYR EALKNIVYLG
Source	Mammalian cell
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	1-290
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.