Recombinant Xanthobacter autotrophicus Lipoyl synthase (lipA)

Product Code	CSB-EP012927XAV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A7IM78
Product Type	Recombinant Protein
Immunogen Species	Xanthobacter autotrophicus (strain ATCC BAA-1158 / Py2)
Purity	>85% (SDS-PAGE)
Sequence	MVTVIDTLAR PRHPEKANRP ETEVLRKPDW IRVKAPGSAG WSQTAEIVRA NGLHTVCEEA GCPNIGECWE KKHATFMIMG DTCTRACAFC NVRTGMPEAL DQGEPQKVGD AVAKLGLSHV VITSVDRDDL ADGGAEHFAR TIAAIRKASP GTTIEILTPD FLRKDGALEV VVAARPDVFN HNLETVPAKY LSVRPGARYF HSLRLLQKVK ELDGSIFTKS GIMVGLGEER PEVLQLMDDL RSAEVDFITI GQYLQPTRKH HKVERFVTPD EFKAYETVAY AKGFLMVSAS PLTRSSHHAG DDFEKLRAAR VARLGRS
Source	E.coli
Target Names	lipA
Protein Names	Recommended name: 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	1-317
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.