



Recombinant *Erwinia tasmaniensis* Lipoyl synthase (lipA)

Product Code	CSB-EP012927ENB-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B2VBK1
Product Type	Recombinant Protein
Immunogen Species	<i>Erwinia tasmaniensis</i> (strain DSM 17950 / CIP 109463 / Et1/99)
Purity	>85% (SDS-PAGE)
Sequence	MSKPIVMERG VKYRDADKMA LIPVKTVVTE RTEVLRKPEW MKIKLPADSS RIQGIKAAMR KNGLHSVCEE ASCPNLAECF NHGTATFMIL GAICTRRCPF CDVAHGRPTT PDANEPGKLA QTIADMALRY VVITSVDRDD LRDGGAQHFA DCISAIREKS PTIKIETLVP DFRGRMDRAL EILNATPPDV FNHNLENVPR VYRQVRPGAN YDWSLKLLER FKEAHPEIPT KSGLMVGLGE TNAEIVEVMR DLRRHGVTML TLGQYLQPSR HHLPVQRYVS PAEFDEMCAA AMDMGFTHAA CGPFVRSYH ADMQAKGLEV K
Source	<i>E. coli</i>
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	1-321
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.