# Recombinant Bacillus pumilus Lipoyl synthase (lipA)

| | |
|---|---|
| **Product Code** | CSB-EP012927BOL-B |
| **Storage** | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| **Uniprot No.** | A8FH34 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Bacillus pumilus (strain SAFR-032) |
| **Purity** | >85% (SDS-PAGE) |
| **Sequence** | MAKKEEHVRK PDWLKIKLNT NENYTGLKKM MRENNLNTVC EEAKCPNIHE CWAVRRTATF MILGSVCTRA CRFCAVKTGL PTELDLQEPE RVADSVALMN LKHAVITAVA RDDQKDGGAG VFAETVRAIR RKSPFTTIEV LPSDMGGNYD NLKTLMDTRP DILNHNIETV RRLTPRVRAR ATYDRSLEFL RRAKEMQPDI PTKSSIMIGL GETKEEIIEV MDDLLANNVD IMAIGQYLQP SKKHLKVQKY YHPDEFAELK EIAMAKGFSH CEAGPLVRSS YHADEQVNEA SKKRQAQA |
| **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** | 1-298 |
| **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.<br>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. |