



# Recombinant *Desulfotalea psychrophila* 50S ribosomal protein L17 (rplQ)

|                   |                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Product Code      | CSB-EP724469DAAA                                                                                                                                                                                                                                                                                                                                                                                            |
| Abbreviation      | rplQ                                                                                                                                                                                                                                                                                                                                                                                                        |
| Storage           | 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.                                                                                                                          |
| Uniprot No.       | Q6AP42                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Type      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen Species | <i>Desulfotalea psychrophila</i> (strain LSv54 / DSM 12343)                                                                                                                                                                                                                                                                                                                                                 |
| Purity            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence          | MRHRYSGRKL GRTSSHRDAM FRNMVTSLFE HERIVTTKEK AKELRPIAEK<br>MITLGKRGDL HARRQALSYV RCAGVVHKLF GEIAEQFADR KGGYTRIIQT<br>GVRRGDNASM AIELVGYDE TVAAATTEA                                                                                                                                                                                                                                                          |
| Source            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                      |
| Target Names      | rplQ                                                                                                                                                                                                                                                                                                                                                                                                        |
| Protein Names     | Recommended name: 50S ribosomal protein L17                                                                                                                                                                                                                                                                                                                                                                 |
| Expression Region | 1-129                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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.                                                                                                                          |