



# Recombinant Enterobacteria phage P7 Large terminase protein (pacB)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-EP716856EDI  |
| <b>Abbreviation</b>      | pacB   |
| <b>Storage</b>           | 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.   |
| <b>Uniprot No.</b>       | Q5XLR0   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Enterobacteria phage P7 (Bacteriophage P7)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MARSCVTDPR WRELVALYRY DWIAAADVLF GKTPTWQQDE IESTQQDGS<br>WTSVTSGHGT GKSDMTSIIA ILFIMFFPGA RVILVANKRQ QVLDGIFKYI<br>KSNWATAVSR FPWLSKYFIL TETSFFEVTG KGVWILIKS CRPGNEEALA<br>GEHADHLLYI IDEASGVSDK AFSVITGALT GKDNRIILL S QPTRPSGYFY<br>DSHHRLAIRP GNPDGLFTAI ILNSEESPLV DAKFIRAKLA EYGGRDNPMY<br>MIKVRGEFPK SQDGFLGRD EVERATRRKV KIAKGWGWVA CVDVAGGTGR<br>DKSVINIMMV SGQRNKRRVI NYRMLEYTDV TETQLAAKIF AECNPERFPN<br>ITIAIDGDGL GKSTADLME RYGITVQRIR WGKKMHSRED KSLYFDMRAF<br>ANIQAAEAVK SGRMRDKGA ATIEEASKIP VGINSAGQWK VMSKEDMKKK<br>LNLHSPDHWY TYCFAMLANY VPQDEVLSVE DEAQVDEALA WLNE |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | pacB   |
| <b>Protein Names</b>     | Recommended name: Large terminase protein Alternative name(s): DNA-packaging protein B PACase B protein Terminase B protein Terminase large subunit  |
| <b>Expression Region</b> | 1-494  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | 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.  |
| <b>Shelf Life</b>        | 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.