



# Recombinant Clostridium perfringens Phospholipase C (plc)

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| <b>Product Code</b>      | CSB-YP314672CMB  |
| <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>       | P0C216   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Clostridium perfringens  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | WD GKIDGTGTHA MIVTQGVSIK ENDLSKNEPE SVRKNLEILK<br>ENMHELQLGS TYPDYDKNAY DLYQDHFWDPT DTDNNFSKDN SWYLAYSIPD<br>TGESQIRKFS ALARYEWQRG NYKQATFYLG EAMHYFGDID TPYHPANVTA<br>VDSAGHVKFE TFAEERKEQY KINTAGCKTN EDFYADILKN KDFNAWSKEY<br>ARGFAKTGKS IYSHASMSH SWDDWDYAAK VTLANSQKGT AGYIYRFLHD<br>VSEGNDPSVG KNVKELVAYI STSGEKDAGT DDYMYFGIKT KDGKTQEWEM<br>DNPGNDFMTG SKDITYFKLK DENLKIDDIQ NMWIRKRKYT AFPDAYKPEN<br>IKIIANGKVV VDKDINEWIS GNSTYNIK |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | plc  |
| <b>Protein Names</b>     | Recommended name: Phospholipase C Short name= PLC EC=<br>3.1.4.3Alternative name(s): Alpha-toxin Hemolysin Lecithinase<br>Phosphatidylcholine cholinephosphohydrolase  |
| <b>Expression Region</b> | 29-398   |
| <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 of Mature 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.<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.   |