



Recombinant Clostridium perfringens Phospholipase C (plc)

Product Code	CSB-MP610762CAAN
Abbreviation	plc
Storage	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.
Uniprot No.	Q0TV31
Product Type	Recombinant Protein
Immunogen Species	Clostridium perfringens (strain ATCC 13124 / DSM 756 / JCM 1290 / NCIMB 6125 / NCTC 8237 / Type A)
Purity	>85% (SDS-PAGE)
Sequence	WD GKIDGTGTHA MIVTQGVSIK ENDLSKNEPE SVRKNLEILK ENMHELQLGS TYPDYDKNAY DLYQDHFWDP DTDNNFSKDN SWYLAYSIPD TGESQIRKFS ALARYEWQRG NYKQATFYLG EAMHYFGDID TPYHPANVTA VDSAGHVKFE TFAEERKEQY KINTAGCKTN EAFYTDILKN KDFNAWSKEY ARGFAKTGKS IYSHASMSH SWDDWDYAAK VTLANSQKGT AGYIYRFLHD VSEGNDPSVG KNVKELVAYI STSGEKDAGT DDYMYFGIKT KDGKTQEWEM DNPGNDFMTG SKDITYFKLK DENLKIDDIQ NMWIRKRKYT AFSDAYKPEN IKIIANGKVV VDKDINEWIS GNSTYNIK
Source	Mammalian cell
Target Names	plc
Protein Names	Recommended name: Phospholipase C Short name= PLC EC= 3.1.4.3 Alternative name(s): Alpha-toxin Hemolysin Lecithinase Phosphatidylcholine cholinephosphohydrolase
Expression Region	29-398
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 of Mature 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.