

Active Native Phospholipase C

Cat. No. PLC-30 Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Phospholipase C (EC 3.1.4.3) was purified from <i>Bacillus cereus</i> .
Species	<i>Bacillus cereus</i>
Source	<i>Bacillus cereus</i>
Description	Phospholipase C (EC 3.1.4.3, lipophosphodiesterase I, <i>Clostridium welchii</i> alpha-toxin, <i>Clostridium oedematiens</i> beta- and gamma-toxins, lipophosphodiesterase C, phosphatidase C, heat-labile hemolysin, alpha-toxin) is an enzyme with system name phosphatidylcholine cholinephosphohydrolase. This enzyme catalyses the following chemical reaction: phosphatidylcholine + H ₂ O → 1,2-diacyl-sn-glycerol + phosphocholine. The bacterial enzyme is a zinc protein. It also acts on sphingomyelin and phosphatidylinositol.
Form	White to brownish lyophilized powder.
Bio-activity	≥30 U/mg
Storage	Store in tightly closed containers, desiccated, protected from light, at -20°C.

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