Creative Enzymes®

Native Vibrio sp. Lysophospholipase

Cat. No. DIA-157

Lot. No. (See product label)

Introduction

Description	In enzymology, a lysophospholipase (EC 3.1.1.5) is an enzyme that catalyzes the chemical reaction: 2-lysophosphatidylcholine + H2O ↔ glycerophosphocholine + a carboxylate. Thus, the two substrates of this enzyme are 2-lysophosphatidylcholine and H2O, whereas its two products are glycerophosphocholine and carboxylate.
Applications	Useful for the enzymatic determination of lysolecithin
Synonyms	lysophospholipase; EC 3.1.1.5; 2-lysophosphatidylcholine acylhydrolase; lecithinase B; lysolecithinase; phospholipase B

Product Information

Source	Vibrio sp.
Appearance	White to brownish powder
Form	Freeze dried powder
EC Number	EC 3.1.1.5
CAS No.	9001-85-8
Activity	> 20.0 U/mg
pH Stability	6.5-9.0 (37°C, 30 mins)
Optimum pH	9.0-9.5
Thermal stability	Stable at 60°C and below (pH 7.2, 10 mins)

Storage and Shipping Information

Storage	Store in tightly closed containers, desiccated, protected from light, at-20°C.