

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.