

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.