

## Native *Gliocladium roseum* Glycerophosphocholine phosphodiesterase

Cat. No. DIA-153

Lot. No. (See product label)

### Introduction

**Description** In enzymology, a glycerophosphocholine phosphodiesterase (EC 3.1.4.2) is an enzyme that catalyzes the chemical reaction: sn-glycero-3-phosphocholine + H<sub>2</sub>O ↔ choline + sn-glycerol 3-phosphate. Thus, the two substrates of this enzyme are sn-glycero-3-phosphocholine and H<sub>2</sub>O, whereas its two products are choline and sn-glycerol 3-phosphate.

**Synonyms** glycerophosphocholine phosphodiesterase; EC 3.1.4.2; sn-glycero-3-phosphocholine glycerophosphohydrolase; glycerophosphinicocholine diesterase; glycerylphosphorylcholinediesterase; sn-glycero-3-phosphorylcholine diesterase; glycerolphosphorylcholine phosphodiesterase; glycerophosphohydrolase

### Product Information

**Source** *Gliocladium roseum*

**Appearance** White to brownish powder

**Form** Freeze dried powder

**EC Number** EC 3.1.4.2

**CAS No.** 9025-85-8

**Activity** > 10.0 U/mg

**pH Stability** 7.0-9.0 (75°C, 60 mins)

**Optimum pH** 8.5-9.5

**Thermal stability** Stable at 50°C and below (pH 8.0, 10 mins)

### Storage and Shipping Information

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