Creative Enzymes®

Native Rabbit Protein Phosphatase 1C

Cat. No. NATE-0615

Lot. No. (See product label)

Introduction

Description	Protein Phosphatase 1 is a growth factor stimulated, divalent cation-independent serine/threonine protein phosphatase involved in regulating numerous cellular processes such as glycogen metabolism, mitosis, and meiosis.
Applications	Protein phosphatase-1C has been used in a study to investigate why two metabolites of microcystin-LR glutathione conjugate and microcystin-cysteine conjugate, as well as microcystin-RR are less toxic than microcystin-LR.
Synonyms	Protein Phosphatase 1C; PP1C

Product Information

Species	Rabbit
Source	Rabbit muscle
Form	buffered aqueous glycerol solution
Purity	>90% (SDS-PAGE)
Activity	> 1500 units/mg protein
Buffer	Solution in 50 mM Tris-HCl, pH 7.0, containing 14 mM 2-mercaptoethanol, 1 mM benzamidine, 0.1 mM PMSF, 1 mM EDTA, and 50% glycerol.
Unit Definition	One unit will release 1.0 nanomole of phosphate from 32P-labeled phosphorylase per min at pH 7.0 at 30°C.

Storage and Shipping Information

Stability	−70°C