

## 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