

## PDE1B active from Rat, Recombinant

Cat. No. NATE-0517

Lot. No. (See product label)

### Introduction

**Description** Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B is an enzyme that in humans is encoded by the PDE1B gene.

**Synonyms** PDE1B; PDE1B1; PDES1B; phosphodiesterase 1B

### Product Information

**Species** Rat

**Source** Baculovirus infected Sf9 cells

**Form** aqueous solution

**Molecular Weight** mol wt 89 kDa

**Purity** > 70% (SDS-PAGE)

**Pathway** Ca-dependent events, organism-specific biosystem; CaM pathway, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Calmodulin induced events, organism-specific biosystem; Cam-PDE 1 activation, organism-specific biosystem; DAG and IP3 signaling, organism-specific biosystem

**Function** 3,5-cyclic-AMP phosphodiesterase activity; calcium-and calmodulin-regulated 3,5-cyclic-GMP phosphodiesterase activity; calmodulin binding; cyclic-nucleotide phosphodiesterase activity; hydrolase activity; metal ion binding

### Storage and Shipping Information

**Storage** -70°C