Creative Enzymes®

Native Bovine Protein Phosphatase 2A2

Cat. No. NATE-0617

Lot. No. (See product label)

Introduction

Description	Protein phosphatase 2A (PP2A) is a specific protamine-kinase-inactivating phosphatase, one common physiological form of which is PP2A2. Protein Phosphatase 2A2 from bovine kidney was shown to be a unique inhibitor of protamine kinase while other phosphatases in the same family including PP1, PP2B, PP2C did not show any inhibition.
Applications	Protein phosphatase 2A2 has been used in a study to investigate two heat-stable protein inhibitors. It has also been used in a study to describe the purification and properties of a protamine kinase from bovine kidney microsomes.
Synonyms	Protein Phosphatase 2A2; PP2A2

Product Information

Species	Bovine
Source	Bovine kidney
Form	buffered aqueous glycerol solution
Activity	~2.0 U/vial
Buffer	Solution of 1 µg per vial in 50 µl of 50 mM Tris-HCl, pH 7.0, containing 14 mM β-Mercaptoethanol, 1mM benzamidine, 0.1 mM PMSF, 1mM EDTA, and 50% glycerol.

Storage and Shipping Information

Stability	−70°C