Creative Enzymes®

Native Bovine Auto-Activated Protein Kinase

Cat. No. NATE-0042

Lot. No. (See product label)

Introduction

Description	Auto-Activated Protein Kinase phosphorylates and inactivates protein phosphatase 2A. The funtion appears to be related to the catalytic domain of p21-activated p65 (PAK) protein kinase which is produced in apoptotic cells. AK is also involved in cytoskeleton organization and other signal transduction processes.
Synonyms	AK; Auto-Activated Protein Kinase

Product Information

Species	Bovine
Source	bovine kidney
Form	aqueous solution
Activity	~17,000 units/mg protein
Buffer	50 ng per vial in 10 µl of 50 mM Tris-HCl, pH 7.0, containing 14 mM β-Mercaptoethanol, 1 mM benzamidine, 0.1 mM PMSF, 1 mM EDTA, 65% ethyleneglycol, and 0.1% Brij 35.

Storage and Shipping Information

Stability	−70°C