Creative Enzymes®

Native Bovine Protein Kinase G Iα

Cat. No. NATE-0579

Lot. No. (See product label)

Introduction

Description	Protein Kinase G 1a is a native isoform of protein kinase G type I (cGK-I) isolated from bovine lung. It is a serine-threonine protein kinase found naturally in high concentrations in the cerebellar Purkinje cells, smooth muscle cells, and human platelets.
Synonyms	Protein Kinase G Iα; PKG Iα; cGK Iα; cyclic Guanosine Monophosphate Protein Kinase I α; EC 2.7.1.37; PKG1A; cGMP-dependent protein kinase

Product Information

Species	Bovine
Source	bovine lung
Form	buffered aqueous glycerol solution
EC Number	EC 2.7.1.37
Molecular Weight	mol wt 74 kDa (monomer)
Purity	>95% (SDS-PAGE)
Buffer	Solution in 10 mM phosphate buffer, pH 6.8, 1 mM EDTA, 15 mM β-mercaptoethanol, 10 KIU/ml aprotinin and 50% glycerol.

Storage and Shipping Information

Stability	−20°C