

Native Bovine Protein Kinase G I α

Cat. No. NATE-0579

Lot. No. (See product label)

Introduction

Description

Protein Kinase G 1 α 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 I α ; PKG I α ; cGK I α ; 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