

Native Chicken Myokinase

Cat. No. NATE-0037

Lot. No. (See product label)

Introduction

Description Native Chicken Myokinase for research on ATP metabolism and enzymatic activity. Ideal for biochemistry and enzymology studies. Creative Enzymes ensures high-purity, trusted products.

Applications Myokinase from chicken muscle has been used in a study to assess the release of enzymes via acute myositis and neurogenic atrophy in muscles. It has also been used in a study to investigate the development of sarcoplasmic reticulum membranes in chicken pectoralis muscle cells.

Synonyms Adenylate kinase; EC 2.7.4.3; ADK; myokinase; 9013-02-9; Adenylic kinase; Adenylokinase

Product Information

Species Chicken

Source Chicken muscle

Form essentially salt-free, lyophilized powder

EC Number EC 2.7.4.3

CAS No. 9013-02-9

Activity 1,500-3,000 units/mg protein (biuret)

Unit Definition One unit will convert 2.0 μ moles of ADP to ATP+AMP per min at pH 7.6 at 37°C.

Storage and Shipping Information

Storage -20°C