

Galactokinase from E. coli K12, Recombinant

Cat. No. NATE-1496

Lot. No. (See product label)

Introduction

Description

Galactokinase catalyzes the phosphorylation of α D-galactose to produce galactose-1-phosphate as part of the Leloir pathway.

Synonyms

galactokinase (phosphorylating); ATP:D-galactose-1-phosphotransferase; EC 2.7.1.6; galactokinase; GALK; GALK1; GALK2

Product Information

Species

E. coli K12

Source

E. coli

EC Number

EC 2.7.1.6

CAS No.

9030-53-9

Molecular Weight

43 kDa

Purity

min 95% by SDS-PAGE

Unit Definition

One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol of Gal-1-P from galactose and ATP per minute at 37 °C.