

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.