

Hexokinase from Kluyveromyces fragilis, Recombinant

Cat. No. NATE-1034

Lot. No. (See product label)

Introduction

Description Recombinant Hexokinase from Kluyveromyces fragilis for research on glucose metabolism and enzymatic activity. Perfect for biochemistry and molecular biology studies. Creative Enzymes delivers reliable solutions.

Synonyms hexokinase (phosphorylating); ATP-dependent hexokinase; glucose ATP phosphotransferase; hexokinase; ATP:D-hexose 6-phosphotransferase; EC 2.7.1.1

Product Information

Species Kluyveromyces fragilis

Source E. coli

Form Lyophilized powder

EC Number EC 2.7.1.1

CAS No. 9001-51-8

Molecular Weight 54 Kd (SDS-PAGE)

Activity > 150 Units / mg

Contaminants Phosphoglucose isomerase <0.003% Glutathione reductase <0.005% Myokinase <0.001% Phosphogluconate dehydrogenase <0.001% Phosphoglucomutase <0.001% Glucose-6-phosphate dehydrogenase <0.005% Creatine kinase <0.005% ATPase <0.003% Glucose dehydrogenase <0.001% Invertase <0.005% Alkaline phosphatase <0.00001%

pH Stability 6.0 - 9.0

Optimum pH 7.5 - 8.0

Optimum temperature 55°C

Storage and Shipping Information

Storage Below -20°C