

N-acetylgalactosamine kinase

Cat. No. EXWM-2986

Lot. No. (See product label)

Introduction

Description

The enzyme is highly specific for GalNAc as substrate, but has slight activity with D-galactose. Requires Mg²⁺, Mn²⁺ or Co²⁺ for activity, with Mg²⁺ resulting in by far the greatest stimulation of enzyme activity.

Synonyms

GALK2; GK2; GalNAc kinase; N-acetylgalactosamine (GalNAc)-1-phosphate kinase; ATP:N-acetyl-D-galactosamine 1-phosphotransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.1.157

Reaction

ATP + N-acetyl- α -D-galactosamine = ADP + N-acetyl- α -D-galactosamine 1-phosphate

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.