

ADP-specific glucokinase

Cat. No. EXWM-2977

Lot. No. (See product label)

Introduction

Description Requires Mg²⁺. The enzyme from *Pyrococcus furiosus* is highly specific for D-glucose; there is some activity with 2-deoxy-D-glucose, but no activity with D-fructose, D-mannose or D-galactose as the substrate. No activity is detected when ADP is replaced by ATP, GDP, phosphoenolpyruvate, diphosphate or polyphosphate.

Synonyms ADP-dependent glucokinase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.7.1.147

CAS No. 173585-07-4

Reaction ADP + D-glucose = AMP + D-glucose 6-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.