

[isocitrate dehydrogenase (NADP+)] kinase

Cat. No. EXWM-3156

Lot. No. (See product label)

Introduction

Description The enzyme has no activating compound but is specific for its substrate. Phosphorylates and inactivates EC 1.1.1.42, isocitrate dehydrogenase (NADP+).

Synonyms [isocitrate dehydrogenase (NADP)] kinase; ICDH kinase/phosphatase; IDH kinase; IDH kinase/phosphatase; IDH-K/P; IDHK/P; isocitrate dehydrogenase kinase (phosphorylating); isocitrate dehydrogenase kinase/phosphatase; STK3

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.7.11.5

CAS No. 83682-93-3

Reaction $\text{ATP} + [\text{isocitrate dehydrogenase (NADP+)}] = \text{ADP} + [\text{isocitrate dehydrogenase (NADP+)}] \text{ phosphate}$

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.