Creative Enzymes®

[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	ATP + [isocitrate dehydrogenase (NADP+)] = ADP + [isocitrate dehydrogenase (NADP+)] 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.