

dephospho-[reductase kinase] kinase

Cat. No. EXWM-3150

Lot. No. (See product label)

Introduction

Description The enzyme is activated by AMP and is specific for its substrate. Phosphorylates and activates EC 2.7.11.31, [hydroxymethylglutaryl-CoA reductase (NADPH)] kinase, that has been inactivated by EC 3.1.3.16, protein-serine/threonine phosphatase.

Synonyms AMP-activated kinase; AMP-activated protein kinase kinase; hydroxymethylglutaryl coenzyme A reductase kinase kinase; hydroxymethylglutaryl coenzyme A reductase kinase kinase (phosphorylating); reductase kinase; reductase kinase kinase; STK30

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.7.11.3

CAS No. 72060-33-4

Reaction $\text{ATP} + \text{dephospho-}\{[\text{hydroxymethylglutaryl-CoA reductase (NADPH)}]\text{ kinase}\} = \text{ADP} + \{[\text{hydroxymethylglutaryl-CoA reductase (NADPH)}]\text{ kinase}\}$

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.