Creative Enzymes®

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	ATP + dephospho-{[hydroxymethylglutaryl-CoA reductase (NADPH)] kinase} = ADP + {[hydroxymethylglutaryl-CoA reductase (NADPH)] 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.