Creative Enzymes®

hygromycin B 4-O-kinase

Cat. No. EXWM-2993

Lot. No. (See product label)

Introduction

Description	Phosphorylates the antibiotic hygromycin B. Whereas the enzyme from Streptomyces hygroscopicus (EC 2.7.1.119; hygromycin-B 7''-O-kinase) catalyses the formation of 7''-O-phosphohygromycin B, this enzyme, found in Escherichia coli carrying a plasmid conferring resistance to hygromycin-B, forms 4-O-phosphohygromycin B.
Synonyms	hygromycin-B kinase (ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.1.163
Reaction	ATP + hygromycin B = ADP + 4-O-phosphohygromycin B
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 ℃.