Creative Enzymes®

ribose 1,5-bisphosphate phosphokinase

Cat. No. EXWM-3205

Lot. No. (See product label)

Introduction

Description	This enzyme, found in NAD supression mutants of Escherichia coli, synthesizes 5-phospho-α-D-ribose 1-diphosphate (PRPP) without the participation of EC 2.7.6.1, ribose-phosphate diphosphokinase. Ribose, ribose 1-phosphate and ribose 5-phosphate are not substrates, and GTP cannot act as a phosphate donor.
Synonyms	ribose 1,5-bisphosphokinase; PhnN; ATP:ribose-1,5-bisphosphate phosphotransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.4.23
Reaction	ATP + α-D-ribose 1,5-bisphosphate = ADP + 5-phospho-α-D-ribose 1-diphosphate
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 ℃.