Creative Enzymes®

ribose-5-phosphate-ammonia ligase

Cat. No. EXWM-5799

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of ligases, specifically those forming generic carbon-nitrogen bonds. This enzyme participates in purine metabolism.
Synonyms	5-phosphoribosylamine synthetase; ribose 5-phosphate aminotransferase; ammonia-ribose 5-phosphate aminotransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.3.4.7
CAS No.	9082-52-4
Reaction	ATP + ribose 5-phosphate + NH3 = ADP + phosphate + 5-phosphoribosylamine
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 ℃.