Creative Enzymes®

phosphoribosylaminoimidazolecarboxamide formyltransferase

Cat. No. EXWM-2005

Lot. No. (See product label)

Introduction

Description	This enzyme participates in purine metabolism and one carbon pool by folate.
Synonyms	5-amino-4-imidazolecarboxamide ribonucleotide transformylase; AICAR transformylase; 10-formyltetrahydrofolate:5'-phosphoribosyl-5-amino-4-imidazolecarboxamide formyltransferase; 5'-phosphoribosyl-5-amino-4-imidazolecarboxamide formyltransferase; 5-amino-1-ribosyl-4-imidazolecarboxamide 5'-phosphate transformylase; 5-amino-4-imidazolecarboxamide ribotide transformylase; AICAR formyltransferase; aminoimidazolecarboxamide ribonucleotide transformylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.2.3
CAS No.	9032-03-5
Reaction	10-formyltetrahydrofolate + 5-amino-1-(5-phospho-D-ribosyl)imidazole-4-carboxamide = tetrahydrofolate + 5-formamido-1-(5-phospho-D-ribosyl)imidazole-4-carboxamide
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 ℃.