

## 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.