

## phosphoribosylaminoimidazolesuccinocarboxamide synthase

Cat. No. EXWM-5769

Lot. No. (See product label)

### Introduction

#### Description

Forms part of the purine biosynthesis pathway.

#### Synonyms

phosphoribosylaminoimidazole-succinocarboxamide synthetase; PurC; SAICAR synthetase; 4-(N-succinocarboxamide)-5-aminoimidazole synthetase; 4-[(N-succinylamino)carbonyl]-5-aminoimidazole ribonucleotide synthetase; SAICARs; phosphoribosylaminoimidazolesuccinocarboxamide synthetase; 5-aminoimidazole-4-N-succinocarboxamide ribonucleotide synthetase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 6.3.2.6

#### CAS No.

9023-67-0

#### Reaction

ATP + 5-amino-1-(5-phospho-D-ribosyl)imidazole-4-carboxylate + L-aspartate = ADP + phosphate + (S)-2-[5-amino-1-(5-phospho-D-ribosyl)imidazole-4-carboxamido]succinate

#### 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.