

## putrescine carbamoyltransferase

Cat. No. EXWM-2018

Lot. No. (See product label)

### Introduction

#### Description

The plant enzyme also catalyses the reactions of EC 2.1.3.3 ornithine carbamoyltransferase, EC 2.7.2.2 carbamate kinase and EC 3.5.3.12 agmatine deiminase, thus acting as putrescine synthase, converting agmatine [(4-aminobutyl)guanidine] and ornithine into putrescine and citrulline, respectively.

#### Synonyms

PTCase; putrescine synthase; putrescine transcarbamylase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.1.3.6

#### CAS No.

9076-55-5

#### Reaction

carbamoyl phosphate + putrescine = phosphate + N-carbamoylputrescine

#### 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.