

## ornithine carbamoyltransferase

Cat. No. EXWM-2016

Lot. No. (See product label)

### Introduction

#### Description

The plant enzyme also catalyses the reactions of EC 2.1.3.6 putrescine 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

citrulline phosphorylase; ornithine transcarbamylase; OTC; carbamylphosphate-ornithine transcarbamylase; L-ornithine carbamoyltransferase; L-ornithine carbamyltransferase; L-ornithine transcarbamylase; ornithine carbamyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.1.3.3

#### CAS No.

9001-69-8

#### Reaction

carbamoyl phosphate + L-ornithine = phosphate + L-citrulline

#### 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.