

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.