Creative Enzymes®

carboxymethylproline synthase

Cat. No. EXWM-2173

Lot. No. (See product label)

Introduction

Description	The enzyme is involved in the biosynthesis of the carbapenem β-lactam antibiotic (5R)-carbapen-2-em-3-carboxylate in the bacterium Pectobacterium carotovorum.
Synonyms	CarB (ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.226
Reaction	malonyl-CoA + (S)-1-pyrroline-5-carboxylate + H2O = CoA + (2S,5S)-5-carboxymethylproline + CO2
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.