

carboxynorspermidine decarboxylase

Cat. No. EXWM-4846

Lot. No. (See product label)

Introduction

Description

A pyridoxal 5'-phosphate enzyme. Part of a bacterial polyamine biosynthesis pathway. The enzyme is essential for biofilm formation in the bacterium *Vibrio cholerae*. The enzyme from *Campylobacter jejuni* only produces spermidine in vivo even though it shows activity with carboxynorspermidine in vitro.

Synonyms

carboxyspermidine decarboxylase; CANSDC; VC1623 (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.1.1.96

Reaction

(1) carboxynorspermidine = bis(3-aminopropyl)amine + CO₂; (2)
carboxyspermidine = spermidine + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.