

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

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.

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