

dimethylsulfoniopropionate demethylase

Cat. No. EXWM-1874

Lot. No. (See product label)

Introduction

Description

The enzyme from the marine bacteria *Pelagibacter ubique* and *Ruegeria pomeroyi* are specific towards S,S-dimethyl- β -propiothetin. They do not demethylate glycine-betaine.

Synonyms

dmdA (gene name); dimethylsulfoniopropionate-dependent demethylase A

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.269

Reaction

S,S-dimethyl- β -propiothetin + tetrahydrofolate = 3-(methylthio)propanoate + 5-methyltetrahydrofolate

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.