Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.