

## 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.