

## 4-methylaminobutanoate oxidase (formaldehyde-forming)

Cat. No. EXWM-1546

Lot. No. (See product label)

### Introduction

#### Description

A flavoprotein (FAD). In the enzyme from the soil bacterium *Arthrobacter nicotinovorans* the cofactor is covalently bound. Participates in the nicotine degradation pathway of this organism.

#### Synonyms

mabO (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.5.3.19

#### Reaction

4-methylaminobutanoate + O<sub>2</sub> + H<sub>2</sub>O = 4-aminobutanoate + formaldehyde + H<sub>2</sub>O<sub>2</sub>

#### 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.