

## trimethylamine-N-oxide reductase (cytochrome c)

Cat. No. EXWM-1618

Lot. No. (See product label)

### Introduction

#### Description

The cytochrome c involved in photosynthetic bacteria is a pentaheme protein. Contains bis(molybdopterin guanine dinucleotide)molybdenum cofactor. The reductant is a membrane-bound multiheme cytochrome c. Also reduces dimethyl sulfoxide to dimethyl sulfide.

#### Synonyms

TMAO reductase; TOR

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.7.2.3

#### CAS No.

37256-34-1

#### Reaction

trimethylamine + 2 (ferricytochrome c)-subunit + H<sub>2</sub>O = trimethylamine N-oxide + 2 (ferrocycytochrome c)-subunit + 2 H<sup>+</sup>

#### 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.