Creative Enzymes®

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 + H2O = trimethylamine N-oxide + 2 (ferrocytochrome c)-subunit + 2 H+
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 ℃.