Creative Enzymes®

trimethylamine-N-oxide reductase

Cat. No. EXWM-1599

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of oxidoreductases, specifically those acting on NADH or NADPH with a nitrogenous group as acceptor. The systematic name of this enzyme class is NADH:trimethylamine-N-oxide oxidoreductase. Other names in common use include trimethylamine N-oxide reductase, trimethylamine oxide reductase, TMAO reductase, and TOR. This enzyme participates in methane metabolism.
Synonyms	trimethylamine N-oxide reductase; trimethylamine oxide reductase; TMAO reductase; TOR

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.6.6.9
CAS No.	37256-34-1
Reaction	NADH + H+ + trimethylamine N-oxide = NAD+ + trimethylamine + H2O
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 ℃.