Creative Enzymes®

4-methylaminobutanoate oxidase (methylamine-forming)

Cat. No. EXWM-1549

Lot. No. (See product label)

Introduction

Description	The enzyme participates in the nicotine degradation pathway of the soil bacterium Arthrobacter nicotinovorans. Has a very weak monoamine oxidase (EC 1.4.3.4) activity with 4-aminobutanoate.
Synonyms	mao (gene name, ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.5.3.21
Reaction	4-methylaminobutanoate + O2 + H2O = succinate semialdehyde + methylamine + H2O2
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 ℃.