Creative Enzymes®

methylamine dehydrogenase (amicyanin)

Cat. No. EXWM-1488

Lot. No. (See product label)

Introduction

Description	Contains tryptophan tryptophylquinone (TTQ) cofactor. The enzyme oxidizes aliphatic monoamines and diamines, histamine and ethanolamine, but not secondary and tertiary amines, quaternary ammonium salts or aromatic amines.
Synonyms	amine dehydrogenase; primary-amine dehydrogenase; amine: (acceptor) oxidoreductase (deaminating); primary-amine:(acceptor) oxidoreductase (deaminating)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.4.9.1
Reaction	methylamine + H2O + 2 amicyanin = formaldehyde + NH3 + 2 reduced amicyanin
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 ℃.