

formate dehydrogenase (cytochrome)

Cat. No. EXWM-1203

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the aldehyde or oxo group of donor with a cytochrome as acceptor. The systematic name of this enzyme class is formate:ferricytochrome-b1 oxidoreductase. Other names in common use include formate dehydrogenase, and formate:cytochrome b1 oxidoreductase. This enzyme participates in glyoxylate and dicarboxylate metabolism.

Synonyms

formate dehydrogenase; formate:cytochrome b1 oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.2.2.1

CAS No.

37251-01-7

Reaction

formate + 2 ferricytochrome b1 = CO₂ + 2 ferrocytochrome b1 + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.