Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.