

carbon-monoxide dehydrogenase (cytochrome b-561)

Cat. No. EXWM-1205

Lot. No. (See product label)

Introduction

Description

Contains molybdopterin cytosine dinucleotide, FAD and [2Fe-2S]-clusters. Oxygen, methylene blue and iodonitrotetrazolium chloride can act as nonphysiological electron acceptors.

Synonyms

carbon monoxide oxidase; carbon monoxide oxygenase (cytochrome b-561); carbon monoxide:methylene blue oxidoreductase; CO dehydrogenase; carbon-monoxide dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.2.2.4

CAS No.

395639-79-9

Reaction

$\text{CO} + \text{H}_2\text{O} + 2 \text{ ferricytochrome b-561} = \text{CO}_2 + 2 \text{ H}^+ + 2 \text{ ferrocycytochrome b-561}$

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.