

cytochrome-c3 hydrogenase

Cat. No. EXWM-0521

Lot. No. (See product label)

Introduction

Description

An iron-sulfur protein. Some forms of the enzyme contain nickel ([NiFe]-hydrogenases) and, of these, some contain selenocysteine ([NiFeSe]-hydrogenases). Methylene blue and other acceptors can also be reduced.

Synonyms

H2:ferricytochrome c3 oxidoreductase; cytochrome c3 reductase; cytochrome hydrogenase; hydrogenase [ambiguous]

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.12.2.1

CAS No.

9027-05-8

Reaction

$H_2 + 2 \text{ ferricytochrome c3} = 2 H^+ + 2 \text{ ferrocyanochrome c3}$

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.