

ferredoxin hydrogenase

Cat. No. EXWM-0523

Lot. No. (See product label)

Introduction

Description

Contains iron-sulfur clusters. The enzymes from some sources contains nickel. Can use molecular hydrogen for the reduction of a variety of substances.

Synonyms

H₂ oxidizing hydrogenase; H₂ producing hydrogenase [ambiguous]; bidirectional hydrogenase; hydrogen-lyase [ambiguous]; hydrogenase (ferredoxin); hydrogenase I; hydrogenase II; hydrogenlyase [ambiguous]; uptake hydrogenase [ambiguous]

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.12.7.2

CAS No.

9027-05-8

Reaction

$\text{H}_2 + 2 \text{ oxidized ferredoxin} = 2 \text{ reduced ferredoxin} + 2 \text{ H}^+$

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.