

## 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** H<sub>2</sub> oxidizing hydrogenase; H<sub>2</sub> producing hydrogenase [ambiguous]; bidirectional hydrogenase; hydrogenlyase [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** H<sub>2</sub> + 2 oxidized ferredoxin = 2 reduced ferredoxin + 2 H<sup>+</sup>

**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.