

## coenzyme F420 hydrogenase

Cat. No. EXWM-0524

Lot. No. (See product label)

### Introduction

**Description** An iron-sulfur flavoprotein (FAD) containing nickel. The enzyme from some sources contains selenocysteine. The enzyme also reduces the riboflavin analogue of F420, flavins and methylviologen, but to a lesser extent. The hydrogen acceptor coenzyme F420 is a deazaflavin derivative.

**Synonyms** 8-hydroxy-5-deazaflavin-reducing hydrogenase; F420-reducing hydrogenase; coenzyme F420-dependent hydrogenase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.12.98.1

**CAS No.** 9027-05-8

**Reaction**  $H_2 + \text{oxidized coenzyme F420} = \text{reduced coenzyme F420}$

**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.