

## formate dehydrogenase (acceptor)

Cat. No. EXWM-0462

Lot. No. (See product label)

### Introduction

#### Description

Formate dehydrogenase H is a cytoplasmic enzyme that oxidizes formate without oxygen transfer, transferring electrons to a hydrogenase. The two enzymes form the formate-hydrogen lyase complex. The enzyme contains an [4Fe-4S] cluster, a selenocysteine residue and a molybdopterin cofactor.

#### Synonyms

FDHH; FDH-H; FDH-O; formate dehydrogenase H; formate dehydrogenase O

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.99.33

#### Reaction

formate + acceptor = CO<sub>2</sub> + reduced acceptor

#### 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.