

## dihydromethanopterin reductase (acceptor)

Cat. No. EXWM-1569

Lot. No. (See product label)

### Introduction

#### Description

This archaeal enzyme catalyses the last step in the biosynthesis of tetrahydromethanopterin, a coenzyme used in methanogenesis. The enzyme, characterized from the archaea *Methanosarcina mazei* and *Methanocaldococcus jannaschii*, is an iron-sulfur flavoprotein. cf. EC 1.5.1.47, dihydromethanopterin reductase [NAD(P)+].

#### Synonyms

DmrX

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.5.99.15

#### Reaction

5,6,7,8-tetrahydromethanopterin + oxidized acceptor = 7,8-dihydromethanopterin + 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.