

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.