Creative Enzymes®

dihydromethanopterin reductase [NAD(P)+]

Cat. No. EXWM-1528

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Methylobacterium extorquens, is involved in biosynthesis of dephospho-tetrahydromethanopterin. The specific activity with NADH is 15% of that with NADPH at the same concentration. It does not reduce 7,8-dihydrofolate (cf. EC 1.5.1.3, dihydrofolate reductase).
Synonyms	DmrA; H2MPT reductase; 5,6,7,8-tetrahydromethanopterin 5,6-oxidoreductase; dihydromethanopterin reductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.5.1.47
Reaction	5,6,7,8-tetrahydromethanopterin + NAD(P)+ = 7,8-dihydromethanopterin + NAD(P)H + H+
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.