Creative Enzymes®

methylenetetrahydrofolate reductase [NAD(P)H]

Cat. No. EXWM-1502

Lot. No. (See product label)

Introduction

Description	A flavoprotein (FAD). Menadione can also serve as an electron acceptor.
Synonyms	methylenetetrahydrofolate (reduced nicotinamide adenine dinucleotide phosphate) reductase; 5,10-methylenetetrahydrofolate reductase (NADPH); 5,10-methylenetetrahydrofolic acid reductase; 5,10-CH2-H4folate reductase; methylenetetrahydrofolate reductase (NADPH2); 5-methyltetrahydrofolate:NAD+ oxidoreductase; 5-methyltetrahydrofolate:NAD+ oxidoreductase; methylenetetrahydrofolate (reduced riboflavin adenine dinucleotide) reductase; 5,10-methylenetetrahydrofolate reductase; methylenetetrahydrofolate reductase; N5,10-methylenetetrahydrofolate reductase; 5,10-methylenetetrahydropteroylglutamate reductase; N5,N10-methylenetetrahydrofolate reductase; methylenetetrahydrofolic acid reductase; 5-methyltetrahydrofolate:(acceptor) oxidoreductase (incorrect); 5,10-methylenetetrahydrofolate reductase (FADH2); MetF; methylenetetrahydrofolate reductase (NADPH); 5-methyltetrahydrofolate:NADP+ oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.5.1.20
CAS No.	71822-25-8
Reaction	5-methyltetrahydrofolate + NAD(P)+ = 5,10-methylenetetrahydrofolate + 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 ℃.