

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.