Creative Enzymes®

methylenetetrahydrofolate dehydrogenase (NAD+)

Cat. No. EXWM-1496

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-NH group of donors with NAD+ or NADP+ as acceptor. The systematic name of this enzyme class is 5,10-methylenetetrahydrofolate:NAD+ oxidoreductase. This enzyme is also called methylenetetrahydrofolate dehydrogenase (NAD+). This enzyme participates in one carbon pool by folate.
Synonyms	methylenetetrahydrofolate dehydrogenase (NAD+)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.5.1.15
CAS No.	82062-90-6
Reaction	5,10-methylenetetrahydrofolate + NAD+ = 5,10-methenyltetrahydrofolate + NADH + 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 ℃.