Creative Enzymes®

5-methyltetrahydropteroyltriglutamate-homocysteine S-methyltransferase

Cat. No. EXWM-1735

Lot. No. (See product label)

Introduction

Description	Requires phosphate and contains zinc. The enzyme from Escherichia coli also requires a reducing system. Unlike EC 2.1.1.13, methionine synthase, this enzyme does not contain cobalamin.
Synonyms	tetrahydropteroyltriglutamate methyltransferase; homocysteine methylase; methyltransferase, tetrahydropteroylglutamate-homocysteine transmethylase; methyltetrahydropteroylpolyglutamate:homocysteine methyltransferase; cobalamin-independent methionine synthase; methionine synthase (cobalamin-independent); MetE

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.14
CAS No.	9068-29-5
Reaction	5-methyltetrahydropteroyltri-L-glutamate + L-homocysteine = tetrahydropteroyltri-L-glutamate + L-methionine
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 ℃.