

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, tetrahydropteroyltriglutamate-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-methyltetrahydropteroyltriglutamate + L-homocysteine = tetrahydropteroyltriglutamate + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.