

formate-tetrahydrofolate ligase

Cat. No. EXWM-5795

Lot. No. (See product label)

Introduction

Description

In eukaryotes occurs as a trifunctional enzyme also having methylenetetrahydrofolate dehydrogenase (NADP+) (EC 1.5.1.5) and methenyltetrahydrofolate cyclohydrolase (EC 3.5.4.9) activity.

Synonyms

formyltetrahydrofolate synthetase; 10-formyltetrahydrofolate synthetase; tetrahydrofolic formylase; tetrahydrofolate formylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 6.3.4.3

CAS No.

9023-66-9

Reaction

ATP + formate + tetrahydrofolate = ADP + phosphate + 10-formyltetrahydrofolate

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.