

## glycine N-methyltransferase

Cat. No. EXWM-1800

Lot. No. (See product label)

### Introduction

#### Description

This enzyme is thought to play an important role in the regulation of methyl group metabolism in the liver and pancreas by regulating the ratio between S-adenosyl-L-methionine and S-adenosyl-L-homocysteine. It is inhibited by 5-methyltetrahydrofolate pentaglutamate. Sarcosine, which has no physiological role, is converted back into glycine by the action of EC 1.5.8.3, sarcosine dehydrogenase.

#### Synonyms

glycine methyltransferase; S-adenosyl-L-methionine:glycine methyltransferase; GNMT

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.1.1.20

#### CAS No.

37228-72-1

#### Reaction

S-adenosyl-L-methionine + glycine = S-adenosyl-L-homocysteine + sarcosine

#### 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.