

## DNA (cytosine-5-)-methyltransferase

Cat. No. EXWM-1940

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of transferases, specifically those transferring one-carbon group methyltransferases.

#### Synonyms

EcoRI methylase; DNA 5-cytosine methylase; DNA cytosine C5 methylase; DNA cytosine methylase; DNA methylase (ambiguous); DNA methyltransferase (ambiguous); DNA transmethylase (ambiguous); DNA-cytosine 5-methylase; DNA-cytosine methyltransferase; HpaII methylase; HpaII' methylase; M.BsuRIa; M.BsuRIb; Type II DNA methylase; cytosine 5-methyltransferase; cytosine DNA methylase; cytosine DNA methyltransferase; cytosine-specific DNA methyltransferase; deoxyribonucleate methylase (ambiguous); deoxyribonucleate methyltransferase (ambiguous); deoxyribonucleic (cytosine-5-)-methyltransferase; deoxyribonucleic acid (cytosine-5-)-methyltransferase; deoxyribonucleic acid methylase (ambiguous); deoxyribonucleic acid methyltransferase (ambiguous); deoxyribonucleic acid modification methylase (ambiguous); deoxyribonucleic methylase (ambiguous); methylphosphotriester-DNA methyltransferase (ambiguous); modification methylase (ambiguous); restriction-modification system (ambiguous); site-specific DNA-methyltransferase (cytosine-specific); DNA-(cytosine C5)-methylase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.1.1.37

#### CAS No.

9037-42-7

#### Reaction

S-adenosyl-L-methionine + DNA containing cytosine = S-adenosyl-L-homocysteine + DNA containing 5-methylcytosine

#### 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.