

## 23S rRNA (guanine1835-N2)-methyltransferase

Cat. No. EXWM-1772

Lot. No. (See product label)

### Introduction

#### Description

The enzyme methylates 23S rRNA in vitro, assembled 50S subunits are not a substrate. The enzyme specifically methylates guanine1835 at N2 in 23S rRNA.

#### Synonyms

ygjO (gene name); rlmG (gene name); ribosomal RNA large subunit methyltransferase G

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.1.1.174

#### Reaction

S-adenosyl-L-methionine + guanine1835 in 23S rRNA = S-adenosyl-L-homocysteine + N2-methylguanine1835 in 23S rRNA

#### 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.