

## 16S rRNA (guanine1207-N2)-methyltransferase

Cat. No. EXWM-1770

Lot. No. (See product label)

### Introduction

#### Description

The enzyme reacts well with 30S subunits reconstituted from 16S RNA transcripts and 30S proteins but is almost inactive with the corresponding free RNA. The enzyme specifically methylates guanine1207 at N2 in 16S rRNA.

#### Synonyms

m2G1207 methyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.1.1.172

#### Reaction

S-adenosyl-L-methionine + guanine1207 in 16S rRNA = S-adenosyl-L-homocysteine + N2-methylguanine1207 in 16S 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.