

23S rRNA (guanine748-N1)-methyltransferase

Cat. No. EXWM-1787

Lot. No. (See product label)

Introduction

Description

The enzyme specifically methylates guanine748 at N1 in 23S rRNA. The methyltransferase RlmAII confers resistance to the macrolide antibiotic tylosin in the drug-producing strain *Streptomyces fradiae*.

Synonyms

Rlma(II); Rlma2; 23S rRNA m1G748 methyltransferase; RlmAII; Rlma II; tylosin-resistance methyltransferase RlmA(II); TlrB; rRNA large subunit methyltransferase II

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.188

Reaction

S-adenosyl-L-methionine + guanine748 in 23S rRNA = S-adenosyl-L-homocysteine + N1-methylguanine748 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.