Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.