

16S rRNA (adenine1408-N1)-methyltransferase

Cat. No. EXWM-1779

Lot. No. (See product label)

Introduction

Description

The enzyme provides a panaminoglycoside-resistant nature through interference with the binding of aminoglycosides toward the A site of 16S rRNA through N1-methylation at position adenine1408.

Synonyms

kanamycin-apramycin resistance methylase; 16S rRNA:m1A1408 methyltransferase; KamB; NpmA; 16S rRNA m1A1408 methyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.180

Reaction

S-adenosyl-L-methionine + adenine1408 in 16S rRNA = S-adenosyl-L-homocysteine + N1-methyladenine1408 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.