

16S rRNA (cytidine1402-2'-O)-methyltransferase

Cat. No. EXWM-1797

Lot. No. (See product label)

Introduction

Description

RsmI catalyses the 2'-O-methylation of cytidine1402 and RsmH (EC 2.1.1.199) catalyses the N4-methylation of cytidine1402 in 16S rRNA. Both methylations are necessary for efficient translation initiation at the UUG and GUG codons.

Synonyms

RsmI; YraL

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.198

Reaction

S-adenosyl-L-methionine + cytidine1402 in 16S rRNA = S-adenosyl-L-homocysteine + 2'-O-methylcytidine1402 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.