Creative Enzymes®

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