Creative Enzymes®

16S rRNA (guanine966-N2)-methyltransferase

Cat. No. EXWM-1769

Lot. No. (See product label)

Introduction

Description	The enzyme efficiently methylates guanine966 of the assembled 30S subunits in vitro. Protein-free 16S rRNA is not a substrate for RsmD. The enzyme specifically methylates guanine966 at N2 in 16S rRNA.
Synonyms	yhhF (gene name);rsmD (gene name); m2G966 methyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.171
Reaction	S-adenosyl-L-methionine + guanine966 in 16S rRNA = S-adenosyl-L-homocysteine + N2-methylguanine966 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 ℃.