Creative Enzymes®

16S rRNA (adenine1518-N6/adenine1519-N6)-dimethyltransferase

Cat. No. EXWM-1781

Lot. No. (See product label)

Introduction

Description KsgA introduces the most highly conserved ribosomal RNA modification, the dimethylation of adenine1518 and adenine1519 in 16S rRNA. Strains lacking the methylase are resistant to kasugamycin.

Synonyms S-adenosylmethionine-6-N',N'-adenosyl (rRNA) dimethyltransferase; KsgA; ksgA methyltransferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.1.1.182

Reaction 4 S-adenosyl-L-methionine + adenine1518/adenine1519 in 16S rRNA = 4 S-adenosyl-L-homocysteine + N6-dimethyladenine1518/N6-dimethyladenine1519 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 ℃.