Creative Enzymes®

tRNA (guanine26-N2)-dimethyltransferase

Cat. No. EXWM-1818

Lot. No. (See product label)

Introduction

Description	The enzyme dissociates from its tRNA substrate between the two consecutive methylation reactions. In contrast to EC 2.1.1.215, tRNA (guanine26-N2/guanine27-N2)-dimethyltransferase, this enzyme does not catalyse the methylation of guanine27 in tRNA.
Synonyms	Trm1p; TRM1; tRNA (m22G26)dimethyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.216
Reaction	2 S-adenosyl-L-methionine + guanine26 in tRNA = 2 S-adenosyl-L-homocysteine + N2-dimethylguanine26 in tRNA
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 ℃.