Creative Enzymes®

tRNA (guanine26-N2/guanine27-N2)-dimethyltransferase

Cat. No. EXWM-1817

Lot. No. (See product label)

Introduction

Description	The enzyme from Aquifex aeolicus is similar to the TRM1 methyltransferases of archaea and eukarya (see EC 2.1.1.216, tRNA (guanine26-N2)-dimethyltransferase). However, it catalyses the double methylation of guanines at both positions 26 and 27 of tRNA.
Synonyms	Trm1 (ambiguous); tRNA (N2,N2-guanine)-dimethyltransferase; tRNA (m2(2G26) methyltransferase; Trm1[tRNA (m2(2)G26) methyltransferase]

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.215
Reaction	4 S-adenosyl-L-methionine + guanine26/guanine27 in tRNA = 4 S-adenosyl-L-homocysteine + N2-dimethylguanine26/N2-dimethylguanine27 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 ℃.