Creative Enzymes®

tRNA (guanine10-N2)-methyltransferase

Cat. No. EXWM-1816

Lot. No. (See product label)

Introduction

Description	In contrast to the archaeal enzyme tRNA (guanine10-N2)-dimethyltransferase (EC 2.1.1.213), tRNA (guanine10-N2)-methyltransferase from yeast does not catalyse the methylation from N2-methylguanine10 to N2-dimethylguanine10 in tRNA.
Synonyms	(m2G10) methyltransferase; Trm11-Trm112 complex

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.214
Reaction	S-adenosyl-L-methionine + guanine10 in tRNA = S-adenosyl-L-homocysteine + N2-methylguanine10 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 ℃.