

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.