

tRNA (guanine46-N7)-methyltransferase

Cat. No. EXWM-1937

Lot. No. (See product label)

Introduction

Description

The enzyme specifically methylates guanine46 at N7 in tRNA.

Synonyms

Trm8/Trm82; TrmB; tRNA (m7G46) methyltransferase; transfer ribonucleate guanine 7-methyltransferase; 7-methylguanine transfer ribonucleate methylase; tRNA guanine 7-methyltransferase; N7-methylguanine methylase; S-adenosyl-L-methionine:tRNA (guanine-7-N-)-methyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.33

CAS No.

37257-00-4

Reaction

S-adenosyl-L-methionine + guanine46 in tRNA = S-adenosyl-L-homocysteine + N7-methylguanine46 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.