

tRNA (adenine58-N1)-methyltransferase

Cat. No. EXWM-1823

Lot. No. (See product label)

Introduction

Description

The enzyme specifically methylates adenine58 in tRNA. The methylation of A58 is critical for maintaining the stability of initiator tRNAMet in yeast.

Synonyms

tRNA m1A58 methyltransferase; tRNA (m1A58) methyltransferase; TrmI; tRNA (m1A58) Mtase; Rv2118cp; Gcd10p-Gcd14p; Trm61p-Trm6p

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.220

Reaction

S-adenosyl-L-methionine + adenine58 in tRNA = S-adenosyl-L-homocysteine + N1-methyladenine58 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.