Creative Enzymes®

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