tRNA:m4X modification enzyme

Cat. No. EXWM-1828

Lot. No. (See product label)

Introduction

Description	The enzyme from Saccharomyces cerevisiae 2'-O-methylates cytidine4 in tRNAPro and tRNAGly(GCC), and adenosine4 in tRNAHis.
Synonyms	TRM13; Trm13p; tRNA:Xm4 modification enzyme

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.225
Reaction	(1) S-adenosyl-L-methionine + cytidine4 in tRNAPro = S-adenosyl-L-homocysteine + 2'-O-methylcytidine4 in tRNAPro; (2) S-adenosyl-L-methionine + cytidine4 in tRNAGly(GCC) = S-adenosyl-L-homocysteine + 2'-O-methylcytidine4 in tRNAGly(GCC); (3) S-adenosyl-L-methionine + adenosine4 in tRNAHis = S-adenosyl-L-homocysteine + 2'-O-methyladenosine4 in tRNAHis
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 ℃.