

## tRNA (pseudouridine54-N1)-methyltransferase

Cat. No. EXWM-1861

Lot. No. (See product label)

### Introduction

#### Description

While this archaeal enzyme is specific for the 54 position and does not methylate pseudouridine at position 55, the presence of pseudouridine at position 55 is necessary for the efficient methylation of pseudouridine at position 54.

#### Synonyms

TrmY; m1ψ methyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.1.1.257

#### Reaction

S-adenosyl-L-methionine + pseudouridine54 in tRNA = S-adenosyl-L-homocysteine + N1-methylpseudouridine54 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.