

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.