

tRNA pseudouridine13 synthase

Cat. No. EXWM-5567

Lot. No. (See product label)

Introduction

Description

Pseudouridine synthase TruD from Escherichia coli specifically acts on uridine13 in tRNA. The Pus7 protein from Saccharomyces cerevisiae is a multisite-multisubstrate pseudouridine synthase that is able to modify uridine13 in several yeast tRNAs, uridine35 in the pre-tRNA^{Tyr}, uridine35 in U2 small nuclear RNA, and uridine50 in 5S rRNA.

Synonyms

TruD; YgbO; tRNA PSI13 synthase; RNA:PSI-synthase Pus7p; Pus7p; RNA:pseudouridine-synthase Pus7p; Pus7 protein

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 5.4.99.27

CAS No.

430429-15-5

Reaction

tRNA uridine13 = tRNA pseudouridine13

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.