Creative Enzymes®

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