

## 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.