

## tRNA-uridine 2-sulfurtransferase

Cat. No. EXWM-3358

Lot. No. (See product label)

### Introduction

#### Description

The enzyme, found in bacteria, catalyses formation of the 2-thiouridine modification in the wobble position of tRNAGln, tRNALys and tRNAGlu.

#### Synonyms

mnmA (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.8.1.13

#### Reaction

a [protein]-S-sulfanyl-L-cysteine + uridine<sup>34</sup> in tRNA + ATP + reduced acceptor = a [protein]-L-cysteine + 2-thiouridine<sup>34</sup> in tRNA + AMP + diphosphate + acceptor

#### 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.