Creative Enzymes®

# tRNA pseudouridine38/39 synthase

*Cat. No. EXWM-5587*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | The enzyme from Saccharomyces cerevisiae is active only towards uridine38 and uridine39, and shows no activity with uridine40 (cf. EC 5.4.99.12, tRNA pseudouridine38-40 synthase). In vitro the enzyme from mouse is active on uridine39 and very slightly on uridine38 (human tRNALeu). |
| ***Synonyms*** | Deg1; Pus3p; pseudouridine synthase 3 |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 5.4.99.45 |
| ***Reaction*** | tRNA uridine38/39 = tRNA pseudouridine38/39 |
| ***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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |