

## tRNA-intron lyase

Cat. No. EXWM-5353

Lot. No. (See product label)

### Introduction

#### Description

The enzyme catalyses the final stage in the maturation of tRNA molecules.

#### Synonyms

transfer ribonucleate intron endoribonuclease; tRNA splicing endonuclease; splicing endonuclease; tRNA<sup>TRP</sup> intron endonuclease; transfer splicing endonuclease

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.6.1.16

#### CAS No.

117444-13-0

#### Reaction

pretRNA = a 3'-half-tRNA molecule with a 5'-OH end + a 5'-half-tRNA molecule with a 2',3'-cyclic phosphate end + an intron with a 2',3'-cyclic phosphate and a 5'-hydroxyl terminus

#### 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.