

D-aminoacyl-tRNA deacylase

Cat. No. EXWM-3525

Lot. No. (See product label)

Introduction

Description

The enzyme from *Escherichia coli* can cleave D-tyrosyl-tRNA^{Tyr}, D-aspartyl-tRNA^{Asp} and D-tryptophanyl-tRNA^{Trp}. Whereas the enzyme from the archaeon *Pyrococcus abyssi* is a zinc protein, the enzyme from *Escherichia coli* does not carry any zinc.

Synonyms

Dtd2; D-Tyr-tRNA(Tyr) deacylase; D-Tyr-tRNA^{Tyr} deacylase; D-tyrosyl-tRNA^{Tyr} aminoacylhydrolase; dtdA (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.1.96

Reaction

a D-aminoacyl-tRNA + H₂O = a D-amino acid + tRNA

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.