Creative Enzymes®

D-aminoacyl-tRNA deacylase

Cat. No. EXWM-3525

Lot. No. (See product label)

Introduction

Description	The enzyme from Escherichia coli can cleave D-tyrosyl-tRNATyr, D-aspartyl-tRNAAsp and D-tryptophanyl-tRNATrp. 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-tRNATyr deacylase; D-tyrosyl-tRNATyr 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.