

tRNA dimethylallyltransferase

Cat. No. EXWM-2813

Lot. No. (See product label)

Introduction

Description

Formerly known as tRNA isopentenyltransferase (EC 2.5.1.8), but it is now known that dimethylallyl diphosphate, rather than isopentenyl diphosphate, is the substrate.

Synonyms

tRNA prenyltransferase; MiaA; transfer ribonucleate isopentenyltransferase (incorrect); Δ^2 -isopentenyl pyrophosphate:tRNA- Δ^2 -isopentenyl transferase (incorrect); Δ^2 -isopentenyl pyrophosphate:transfer ribonucleic acid Δ^2 -isopentenyltransferase (incorrect); dimethylallyl-diphosphate: tRNA dimethylallyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.5.1.75

Reaction

dimethylallyl diphosphate + adenine³⁷ in tRNA = diphosphate + N⁶-dimethylallyladenine³⁷ in 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.