

peptidyltransferase

Cat. No. EXWM-2285

Lot. No. (See product label)

Introduction

Description

The enzyme is a ribozyme. Two non-equivlant ribonucleoprotein subunits operate in non-concerted fashion in peptide elongation. The small subunit forms the mRNA-binding machinery and decoding center, the large subunit performs the main ribosomal catalytic function in the peptidyl-transferase center.

Synonyms

transpeptidase; ribosomal peptidyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.2.12

CAS No.

9059-29-4

Reaction

peptidyl-tRNA1 + aminoacyl-tRNA2 = tRNA1 + peptidyl(aminoacyl-tRNA2)

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.