

tRNA-guanine15 transglycosylase

Cat. No. EXWM-2677

Lot. No. (See product label)

Introduction

Description

Archaeal tRNAs contain the modified nucleoside archaeosine at position 15. This archaeal enzyme catalyses the exchange of guanine at position 15 of tRNA with the base preQ0, which is ultimately modified to form the nucleoside archaeosine (cf. EC 2.6.1.97).

Synonyms

tRNA transglycosylase (ambiguous); transfer ribonucleate glycosyltransferase (ambiguous); tRNA guanine15 transglycosidase; TGT (ambiguous); transfer ribonucleic acid guanine15 transglycosylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.2.48

Reaction

guanine15 in tRNA + 7-cyano-7-carbaguanine = 7-cyano-7-carbaguanine15 in tRNA + guanine

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.