

UDP-N-acetylmuramoylpentapeptide-lysine N6-alanyltransferase

Cat. No. EXWM-2283

Lot. No. (See product label)

Introduction

Description

Also acts on L-seryl-tRNA^{Ser}.

Synonyms

alanyl-transfer ribonucleate-uridine diphosphoacetylmuramoylpentapeptide transferase; UDP-N-acetylmuramoylpentapeptide lysine N6-alanyltransferase; uridine diphosphoacetylmuramoylpentapeptide lysine N6-alanyltransferase; L-alanyl-tRNA:UDP-N-acetylmuramoyl-L-alanyl-D-glutamyl-L-lysyl-D-alanyl-D-alanine 6-N-alanyltransferase; L-alanyl-tRNA:UDP-N-acetylmuramoyl-L-alanyl-D-glutamyl-L-lysyl-D-alanyl-D-alanine N6-alanyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.2.10

CAS No.

37257-26-4

Reaction

L-alanyl-tRNA^{Ala} + UDP-N-acetyl- α -D-muramoyl-L-alanyl-D-glutamyl-L-lysyl-D-alanyl-D-alanine = tRNA^{Ala} + UDP-N-acetyl- α -D-muramoyl-L-alanyl-D-glutamyl-N6-(L-alanyl)-L-lysyl-D-alanyl-D-alanine

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.